

Oracle® Fusion Middleware

Release Notes for Oracle Business Intelligence

11g Release 1 (11.1.1)

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Contains information about known software issues and their workarounds for this release.

Oracle Fusion Middleware Release Notes for Oracle Business Intelligence, 11g Release 1 (11.1.1)

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2 Oracle Business Intelligence Applications and Data Warehouse Administration Console

3 Oracle Real-Time Decisions

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Preface

This preface includes the following sections:

- [Audience](#)
- [Documentation Accessibility](#)
- [Related Documentation and Other Resources](#)
- [Conventions](#)

Audience

This document is intended for users of Oracle Business Intelligence 11g.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Related Documentation and Other Resources

See the Oracle Business Intelligence documentation library for a list of related Oracle Business Intelligence documents.

In addition:

- Go to the Oracle Learning Library for Oracle Business Intelligence-related online training resources.
- Go to the Product Information Center support note (Article ID 1267009.1) on My Oracle Support at <https://support.oracle.com>.

Conventions

The following text conventions are used in this document:

| Convention | Meaning |
|-------------------|--|
| boldface | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary. |
| <i>italic</i> | Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values. |
| monospace | Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter. |

Oracle Business Intelligence

This chapter describes issues associated specifically with Oracle Business Intelligence, including issues related to installation, upgrade, analyses and dashboards, Oracle BI Mobile, Oracle BI Publisher, metadata repository development, system administration, integration and API, and localization.

This chapter includes the following sections:

- [Section 1.1, "Obtaining Patches from My Oracle Support"](#)
- [Section 1.2, "Oracle Business Intelligence Issues and Workarounds Identified or Changed Since the Last Revision"](#)
- [Section 1.3, "Which Releases Are Covered by These Release Notes?"](#)
- [Section 1.4, "Oracle Business Intelligence General Issues and Workarounds"](#)
- [Section 1.5, "Oracle Business Intelligence Installation Issues and Workarounds"](#)
- [Section 1.6, "Oracle Business Intelligence Upgrade Issues and Workarounds"](#)
- [Section 1.7, "Oracle Business Intelligence Installation Guidelines for 64-Bit Platforms"](#)
- [Section 1.8, "Oracle Business Intelligence Analyses and Dashboards Issues and Workarounds"](#)
- [Section 1.9, "Oracle Business Intelligence Mobile Issues and Workarounds"](#)
- [Section 1.10, "Oracle Business Intelligence Mobile App Designer Issues and Workarounds"](#)
- [Section 1.11, "Oracle Business Intelligence Publisher Reporting and Publishing Issues and Workarounds"](#)
- [Section 1.12, "Oracle Business Intelligence Metadata Repository Development Issues and Workarounds"](#)
- [Section 1.13, "Oracle Business Intelligence System Administration Issues and Workarounds"](#)
- [Section 1.14, "Oracle Business Intelligence Integration and API Issues and Workarounds"](#)
- [Section 1.15, "Oracle Business Intelligence Localization Issues and Workarounds"](#)
- [Section 1.16, "Oracle Exalytics In-Memory Machine Issues and Workarounds"](#)
- [Section 1.17, "Oracle Business Intelligence Documentation Errata"](#)

Depending on your Oracle Fusion Middleware implementation, some information in other chapters of *Oracle Fusion Middleware Infrastructure Release Notes* might also be relevant, including:

- Chapter 2, "Installation, Patching, and Configuration"
- Chapter 3, "Upgrade"
- Chapter 4, "Oracle Fusion Middleware Administration"
- Chapter 5, "Oracle Enterprise Manager Fusion Middleware Control"
- Chapter 6, "Oracle Fusion Middleware High Availability and Enterprise Deployment"

1.1 Obtaining Patches from My Oracle Support

Periodically, Oracle Business Intelligence patches are released. Some patches are mandatory and other patches are optional.

To see the available patches, go to My Oracle Support using the following URL:

<http://support.oracle.com>

1.2 Oracle Business Intelligence Issues and Workarounds Identified or Changed Since the Last Revision

The issues and workarounds related to Oracle Business Intelligence that have been identified or changed since the last revision of the Release Notes include:

- [Section 1.4.44, "Upgraded Financial Reporting Charting Rendering Engine"](#)
- [Section 1.5.25, "Error When Installing Oracle Business Intelligence on Windows 2012 R2"](#)
- [Section 1.6.1.8, "Step Enabling Oracle Business Intelligence JBIPS Configuration Template Features For the Smartview Client Is Not Required When Upgrading From 11.1.1.7 to 11.1.1.9"](#)
- [Section 1.8.1.25, "PersistPageProperties Parameter is Superseded by Advanced Page Properties Dialog"](#)
- [Section 1.8.1.26, "Presentation Services Privileges Need Descriptions"](#)
- [Section 1.8.1.27, "Changes in Legend View for Stacked Bar Charts"](#)
- [Section 1.11.1.22, "Images and Charts Embedded in Excel Output May Cause Size Adjustments in Adjacent Cells"](#)
- [Section 1.12.1.12, "Joining Essbase and Relational Sources in a Logical Table Source is Not Recommended"](#)
- [Section 1.13.2.2, "Updating the Default Currency for Analyses and Patching Considerations"](#)
- [Section 1.13.2.3, "Using the Alta User Interface Style with Oracle BI EE Presentation Services"](#)
- [Section 1.13.2.4, "Custom CSS Style Changes Are Not Affecting Dashboards"](#)
- [Section 1.13.6.8, "Setting New Password For Essbase Studio Prevents BIPLATFORM Database Account From Locking"](#)

- Section 1.17.7.26, "JAR Path Settings For Setting Up Hyperion Financial Management Data Sources Must Be Kept at the End of the OPMN Startup Arguments Section"
- Section 1.17.8.23, "Statement on Changes to Dynamic Repository Variables is Incorrect"
- Section 1.17.8.24, "DefaultRowsDisplayedInDownloadCSV Setting Does Not Apply to Pivot Tables"
- Section 1.17.8.25, "Usage Tracking CUM_DB_TIME_SEC Needs More Explanation"
- Section 1.17.8.26, "Steps for Manually Updating the Essbase Agent Port Number Are Incorrect"
- Section 1.17.9.9, "Error in SQL Example for Creating Session Variables for Proxy Functionality"
- Section 1.17.9.10, "Error in Prerequisites for Configuring a Database as the Authentication Provider"
- Section 1.17.12.3, "Documentation is Incorrect in "What are the Oracle Business Intelligence Session-Based Web Services" Topic in Chapter 1, "Introduction to Oracle Business Intelligence Web Services""
- Section 1.17.14.1, "Service Management Menu Options in Job Manager are Disabled in Clustered Environments"
- Section 1.17.15.1, "The Definition of getScheduledJobInfo Method is Inconsistent"
- Section 1.17.15.2, "Adding Web Center Content as a Delivery Channel"

1.3 Which Releases Are Covered by These Release Notes?

These release notes identify known issues in the following major releases of Oracle BI EE 11g:

- 11.1.1.3
- 11.1.1.5
- 11.1.1.6, including the following patchsets:
 - 11.1.1.6.2
 - 11.1.1.6.2 (BP1)
- 11.1.1.7, including the following patchsets:
 - 11.1.1.7.10 (only applicable to Oracle BI EE 11g Release 1 (11.1.1.7) customers using Oracle Fusion Applications 11g Release 8 (11.1.8).)
 - 11.1.1.7.16 and later (only applicable to Oracle BI EE 11g Release 1 (11.1.1.7) customers using Oracle Fusion Applications 11g Release 9 (11.1.9) and to some Oracle BI EE 11g Release 1 (11.1.1.7) customers using Oracle Fusion Applications 11g Release 8 (11.1.8))

Note that issues that only apply to Oracle BI EE patchsets intended solely for Oracle Fusion Applications customers (for example, Oracle BI EE 11g Release 1 (11.1.1.7.10) and/or Oracle BI EE 11g Release 1 (11.1.1.7.16 and later) are described in the appropriate Oracle Fusion Applications Release Notes.

- 11.1.1.9

These release notes do *not* identify known issues in other patchset releases (for example, 11.1.1.6.4) or individual patches. For information regarding known issues identified in other patchsets and individual patches, refer to the readme file that accompanies each patchset or patch.

1.3.1 Oracle Business Intelligence Issues and Workarounds that Apply Only to Release 11.1.1.3

A number of issues and workarounds related to Oracle Business Intelligence Release 11.1.1.3 were identified prior to the January 2011 revision of the Release Notes. To find out more about those issues and workarounds, see the Oracle Business Intelligence chapter in the *Oracle Fusion Middleware Release Notes* for 11g Release 1 (11.1.1) at:

http://download.oracle.com/docs/cd/E14571_01/relnotes.htm

Other issues and workarounds related to Oracle Business Intelligence that apply only to Release 11.1.1.3. are described in this chapter as well as issues and workarounds that apply to subsequent Oracle Business Intelligence releases and are also known to apply to Release 11.1.1.3.

1.3.2 Oracle Business Intelligence Issues and Workarounds that Apply to IBM AIX, Oracle Solaris and HP-UX

Prior to the September 2014 revision of the Release Notes, issues and workarounds related specifically to the IBM AIX, Oracle Solaris and HP-UX ports of Oracle Business Intelligence were described in the port-specific versions of the *Oracle Fusion Middleware Release Notes* for 11g Release 1 (11.1.1) at:

http://download.oracle.com/docs/cd/E28280_01/index.htm

From September 2014 onwards, new issues and workarounds related to the IBM AIX, Oracle Solaris and HP-UX ports of Oracle Business Intelligence are described in this document.

1.4 Oracle Business Intelligence General Issues and Workarounds

This section describes general issues and workarounds related to Oracle Business Intelligence.

- [Section 1.4.1, "Oracle BI Disconnected Analytics Not Included in Oracle Business Intelligence 11g, Releases 11.1.1.5 and Later"](#)
- [Section 1.4.2, "Oracle Hyperion Smart View for Office Not Supported in Oracle Business Intelligence 11g, Releases 11.1.1.5, 11.1.1.6.0, and 11.1.1.6.2"](#)
- [Section 1.4.3, "IBM LDAP Based Authentication is Not Supported on Linux x86-64 and Microsoft Windows x64 \(64-Bit\)"](#)
- [Section 1.4.4, "Oracle BI Server Fails to Start Due to Missing Connect String in tnsnames.ora File"](#)
- [Section 1.4.5, "Issue with JAR File Size When Moving from a Test to a Production Environment"](#)
- [Section 1.4.6, "Adobe Flash Player Version 10.1 or Later Required to View Graphs and Scorecards"](#)
- [Section 1.4.7, "The Microsoft ODBC Data Source Administrator Crashes While Closing"](#)

- Section 1.4.8, "ODBC System DSN Set With a Wrong Driver File Path on Microsoft Windows x64 (64-Bit)"
- Section 1.4.9, "Hyperion Financial Management Data Sources Only Available for Windows Deployments"
- Section 1.4.10, "Siteminder Not Supported with Full-Text Catalog Search with Oracle Secure Enterprise Search"
- Section 1.4.11, "Windows Native Authentication Not Supported with Full-Text Catalog Search with Oracle Secure Enterprise Search"
- Section 1.4.12, "Full-Text Search Not Finding BI Publisher Reports by Report Column"
- Section 1.4.13, "Specifying Folder Names for Data-Loading the Catalog"
- Section 1.4.14, "SSL Not Available when Using Full-Text Search with Oracle Endeca Server"
- Section 1.4.15, "Issue with Email Notifications on Data Loads for Searching"
- Section 1.4.16, "Stopping a Data Load for Full-Text Searching with Oracle Endeca Server"
- Section 1.4.17, "Out of Memory Error When Crawling the Catalog"
- Section 1.4.18, "Multibyte Characters Are Displayed as NCR When Using Attribute Categories"
- Section 1.4.19, "Hebrew Fonts Might Be Displayed in the Wrong Direction on Windows"
- Section 1.4.20, "Problems Installing in Thai and Turkish Locales"
- Section 1.4.21, "Graph Subtypes Are Not Refreshed in BI Composer"
- Section 1.4.22, "Dashboards and Scorecards Whose Paths Contain Multibyte Characters Do Not Display on ADF Pages"
- Section 1.4.23, "Characters Supported in Folder Names by BI Presentation Services Not Supported by BI Publisher"
- Section 1.4.24, "Configuring SSO for Essbase and Hyperion Financial Management Data Sources with Oracle Business Intelligence 11.1.1.3"
- Section 1.4.25, "Configuring SSO for Essbase and Hyperion Financial Management Data Sources With Oracle Business Intelligence 11.1.1.5, 11.1.1.6, and 11.1.1.6.2"
- Section 1.4.26, "Patch Available to Hide Selected Consistency Check Warnings"
- Section 1.4.27, "Issues with WebLogic LDAP User Passwords"
- Section 1.4.28, "Configuring the GUID Attribute in the Identity Store"
- Section 1.4.29, "Messages Might Be Garbled When Running WebLogic Command Files"
- Section 1.4.30, "Rendering Issues Might Occur in Presentation Services When Using Microsoft Internet Explorer 9.x"
- Section 1.4.31, "Poor Performance Starting Up WebLogic Server"
- Section 1.4.32, "Analysis State Is Not Maintained for Breadcrumbs"
- Section 1.4.33, "Enhancements to Accessibility Features"

- [Section 1.4.34, "Incorrect DataDirect License File for DataDirect 7.0.1 Drivers on Linux"](#)
- [Section 1.4.35, "Using Non-Native Characters In ODBC Data Source Administrator Wizard"](#)
- [Section 1.4.36, "Excel 2003 Support to Be Removed in Future Releases"](#)
- [Section 1.4.37, "Change in Permission Inheritance for Users and Application Roles"](#)
- [Section 1.4.38, "Authentication Fails Against Third Party LDAP When Virtualize is Set to True"](#)
- [Section 1.4.39, "Error When Saving Oracle Hyperion Financial Reporting Release 11.1.2.4.000 Snapshot Reports"](#)
- [Section 1.4.40, "Oracle BI Enterprise Edition Does Not Work Properly When Using Touchscreens"](#)
- [Section 1.4.41, "DataDirect 7.1.4 Drivers Configuration"](#)
- [Section 1.4.42, "SSL Configuration Changes Required Due to New JDK Version"](#)
- [Section 1.4.43, "Microsoft Windows 32-Bit Not Supported From Oracle BI EE Release 11.1.1.9 Onwards"](#)
- [Section 1.4.44, "Upgraded Financial Reporting Charting Rendering Engine"](#)

1.4.1 Oracle BI Disconnected Analytics Not Included in Oracle Business Intelligence 11g, Releases 11.1.1.5 and Later

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Oracle Business Intelligence Enterprise Edition 10g included the Oracle BI Disconnected Analytics component. The Oracle BI Disconnected Analytics component is not shipped in (and cannot be used with) Oracle Business Intelligence Enterprise Edition 11g, Releases 11.1.1.5 and later.

If you currently use Oracle BI Disconnected Analytics 10g and want to continue to do so, then do not install or upgrade to Oracle Business Intelligence Enterprise Edition 11g, Release 11.1.1.6.

1.4.2 Oracle Hyperion Smart View for Office Not Supported in Oracle Business Intelligence 11g, Releases 11.1.1.5, 11.1.1.6.0, and 11.1.1.6.2

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

Oracle Hyperion Smart View for Office, which provides analytic capabilities within a Microsoft Office environment, supports a set of capabilities based on Oracle BI EE. This feature allows end users to query directly against an Oracle BI Server, create ad-hoc interactions, and use Microsoft Office based reporting. This feature is not available in Oracle BI EE 11g Releases 11.1.1.5, 11.1.1.6.0, and 11.1.1.6.2.

Starting with Release 11.1.1.7, a new version of Oracle Hyperion Smart View for Office is available for download from the Home page in Oracle Business Intelligence Enterprise Edition.

1.4.3 IBM LDAP Based Authentication is Not Supported on Linux x86-64 and Microsoft Windows x64 (64-Bit)

Impacted Releases: 11.1.1.3

Platforms: Linux x86-64, Microsoft Windows x64

IBM LDAP based authentication is not supported for Oracle Business Intelligence 11.1.1.3.0 release on Linux x86-64 and Microsoft Windows x64 (64-Bit).

To work around this issue, users must use Oracle WebLogic based authentication.

1.4.4 Oracle BI Server Fails to Start Due to Missing Connect String in tnsnames.ora File

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: Microsoft Windows (64-Bit)

Oracle Business Intelligence Server fails to start if the connect string used for the connection pool is missing in the \$ORACLE_HOME/network/admin/tnsnames.ora file.

To work around this issue, ensure that a valid connect string is present in the tnsnames.ora file.

1.4.5 Issue with JAR File Size When Moving from a Test to a Production Environment

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

This issue is applicable when moving from a test environment to a production environment. The Oracle Business Intelligence installation creates a JAR file of approximately 5 GB. JDK version 6 (or earlier) has a file size limit of 4 GB. Therefore, when you un-jar the file using the AS command `pasteBinary`, a crash occurs.

The workaround is to force either the `pasteBinary` command to use `JRockit`, which does not have a file size limit, or use JDK version 7. For instructions, see *Oracle Fusion Middleware Administrator's Guide*.

1.4.6 Adobe Flash Player Version 10.1 or Later Required to View Graphs and Scorecards

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

The Adobe Flash Player is a cross-platform browser-based application runtime environment and is required for rendering graphs and scorecard objects in a browser.

Users must have Adobe Flash Player version 10.1 or later installed on their browsers to correctly view all graphs and scorecards that are generated by Oracle BI EE. Users can obtain information about the version of the Adobe Flash Player that is running on their browser by going to <http://www.adobe.com/software/flash/about/>.

1.4.7 The Microsoft ODBC Data Source Administrator Crashes While Closing

Impacted Releases: 11.1.1.3

Platforms: Microsoft Windows (32-Bit)

While closing the Microsoft Open Database Connectivity (ODBC) Data Source Administrator after editing the DSNs, the application might crash.

You can ignore this issue because the changes made to DSNs were unaffected.

1.4.8 ODBC System DSN Set With a Wrong Driver File Path on Microsoft Windows x64 (64-Bit)

Impacted Releases: 11.1.1.3

Platforms: Microsoft Windows (64-Bit)

After installing Oracle BI EE, the ODBC System DSN is set with a wrong driver file path:

```
Driver=..\manualInstall64bit\Oracle_BI1\bifoundation\server\bin\NQSODBC.dll
```

Instead of setting the DSN driver to `nqsodbc64.dll`, the installer sets it to `nqsodbc.dll`, which does not exist on the disk.

The DSN driver setting has no functional impact and hence can be ignored.

1.4.9 Hyperion Financial Management Data Sources Only Available for Windows Deployments

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: Microsoft Windows (32-Bit)

You can use Hyperion Financial Management as a data source for Oracle BI EE only when Oracle BI EE is running in a Windows-only deployment.

This behavior is described in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition* (E10540-02).

1.4.10 Siteminder Not Supported with Full-Text Catalog Search with Oracle Secure Enterprise Search

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

The full-text catalog search feature of Oracle BI EE when configured with Oracle Secure Enterprise Search is not supported with Single Sign-On in Siteminder.

1.4.11 Windows Native Authentication Not Supported with Full-Text Catalog Search with Oracle Secure Enterprise Search

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: Microsoft Windows (32-Bit)

The full-text catalog search feature of Oracle BI EE when configured with Oracle Secure Enterprise Search is not supported with Windows Native Authentication. If you use this authentication and if you configure the full-text catalog search with the Active Directory plug-in and the Oracle Fusion data source, then the full-text catalog search returns no search results.

1.4.12 Full-Text Search Not Finding BI Publisher Reports by Report Column

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

You can use the full-text catalog search feature to locate objects in the catalog. If you search for BI Publisher reports by report column names, then you might obtain no results.

To work around this issue when you use Secure Enterprise Search Version 11.1.2.2.0, add the following line to the ORACLE_HOME/search/data/config/crawler.dat file:

```
MIMEINCLUDE application/octet-stream
```

If you encounter this issue when you use Oracle Endeca Server, then this issue has no workaround.

1.4.13 Specifying Folder Names for Data-Loading the Catalog

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

When you configure the Oracle Endeca Server for full-text searching with Oracle BI EE, you create an agent for data-loading the Oracle BI Presentation Catalog. As part of creating the agent, you specify the following parameters in the New Action dialog:

```
crawl_ivotPath  
crawl_startLocation  
crawl_includePaths  
crawl_excludePaths
```

When you specify a value for these parameters, you must use the format as per the directory structure for the Oracle BI EE instance, which is not the same structure that is shown on the Catalog page. When the folder on the Catalog page is shown as */Shared Folders/folder-name*, you specify */shared/folder-name*. When the folder on the Catalog page is specified as */My Folders/user-name*, you specify */users/user-name*.

For example, on the Catalog page, if an object is stored in the */Shared Folders/common* folder, then you specify the path for the agent as */shared/common*. If the object is stored in the */My Folders/pedro* folder, then you specify the path for the agent as */users/pedro*.

1.4.14 SSL Not Available when Using Full-Text Search with Oracle Endeca Server

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

You cannot use Secure Socket Layers (SSL) when you use the full-text search functionality with Oracle Endeca Server. This issue has no workaround.

1.4.15 Issue with Email Notifications on Data Loads for Searching

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

When you use the full-text search capability with Oracle Endeca Server, you set delivery options for agents to send you an email when data loads have started and completed successfully or failed. When you use the full-text search capability on Windows and SUSE environments, emails are not sent when data loads start, finish, or fail.

To work around this issue, use Fusion Middleware Control to monitor the status of data load operations.

1.4.16 Stopping a Data Load for Full-Text Searching with Oracle Endeca Server

Impacted Releases: 11.1.1.7

Platforms: All

When you initiate a data load for full-text searching when using the Oracle Endeca Server, you can expect to see an email notification when the data load has started. This email contains a link that you can click to stop the data load. However, due to the known issue that no email notifications are sent when the Oracle Endeca Server runs on Windows and SUSE platforms, you cannot stop the data load using a link in an email.

To work around this issue, perform the following steps:

1. Stop the BISearch application using Fusion Middleware Control.
2. Recreate the data store on the Oracle Endeca Server for the full-text search.
3. Restart the BISearch application using Fusion Middleware Control.
4. Restart the data load.

1.4.17 Out of Memory Error When Crawling the Catalog

Impacted Releases: 11.1.1.7

Platforms: All

In certain situations, you might experience an out-of-memory issue while crawling or data loading the Oracle BI Presentation Catalog for full-text searching. This issue can occur if the catalog is large or has a deep folder structure.

To work around this issue, you can segment the crawl or data load into smaller pieces:

- For the Oracle Endeca Server, create multiple agents to handle each smaller data load. Ensure that each agent has its own "Start Location" and "Exclude Paths" values.
- For Oracle Secure Enterprise Search, perform the following steps:
 1. Open the BISearchConfig.properties file for editing.
 2. Change the "RootNode" value to specify the start location.
 3. Change the "ExcludePaths" value to specify the folders to exclude.
 4. Save the changes and close the file.

For example, suppose that the catalog has the following folder structure:

```
/users  
/shared  
/shared/Reports  
/shared/Dashboards
```

Create agents to crawl or data load the following paths:

```
/users folder structure  
/shared (excluding all sub-folders)  
/shared/Reports  
/shared/Dashboards
```

1.4.18 Multibyte Characters Are Displayed as NCR When Using Attribute Categories

Impacted Releases: 11.1.1.7

Platforms: All

If you display attribute categories in full-text search results from the Oracle Endeca Server, then you notice that multibyte characters are displayed as numerical character references (NCR).

This issue has no workaround.

1.4.19 Hebrew Fonts Might Be Displayed in the Wrong Direction on Windows

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: Microsoft Windows (32-Bit)

On Windows, if you select the **Install files for complex script and right-to-left languages (including Thai)** option on the Languages tab of the Regional and Language Options dialog, Hebrew fonts might be displayed in the wrong direction, that is left to right rather than right to left.

The workaround is to deselect the **Install files for complex script and right-to-left languages (including Thai)** option as follows:

1. In the Control Panel, click the **Regional & Language Options** button to display the Regional and Language Options dialog.
2. Click the Languages tab.
3. Deselect the **Install files for complex script and right-to-left languages (including Thai)** option.
4. Click OK.

1.4.20 Problems Installing in Thai and Turkish Locales

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Turkish and Thai users are recommended to install and run Oracle Business Intelligence using the English locale. Due to instability that might be encountered, the Turkish and Thai locales are not supported on the server side. Oracle Business Intelligence does support Turkish and Thai locales as clients.

1.4.21 Graph Subtypes Are Not Refreshed in BI Composer

Impacted Releases: 11.1.1.5

Platforms: All

When you select a non-default graph subtype in the BI Composer Wizard: Create Analysis: Edit Graph panel and later change the view to a different graph type in the BI Composer Wizard: Create Analysis: Select Views panel, the graph subtype does not get refreshed.

The workaround is to select the first option in the **Subtype** box in the BI Composer Wizard: Create Analysis: Edit Graph panel. (The first option is the default subtype for the new graph type.)

1.4.22 Dashboards and Scorecards Whose Paths Contain Multibyte Characters Do Not Display on ADF Pages

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7

Platforms: All

Dashboards and scorecards whose paths contain multibyte characters do not display on ADF pages.

This issue has no workaround.

1.4.23 Characters Supported in Folder Names by BI Presentation Services Not Supported by BI Publisher

Impacted Releases: 11.1.1.5

Platforms: All

Oracle BI Presentation Services supports a set of characters for catalog folder names that BI Publisher does not support. Characters not supported by BI Publisher are:

~, !, #, \$, %, ^, &, *, +, \, |, :, " , \ \, <, >, ?, ,, /

Folders named with these characters might exhibit unexpected behavior if you log in directly to BI Publisher; for example, the folder might not be visible, the folder might not expand properly, or the name might appear garbled.

To work around this issue, do not use these characters in folder names.

1.4.24 Configuring SSO for Essbase and Hyperion Financial Management Data Sources with Oracle Business Intelligence 11.1.1.3

Impacted Releases: 11.1.1.3

Platforms: All

Note: This issue first appeared in the Oracle Business Intelligence chapter of the *Oracle Fusion Middleware Release Notes* for 11g Release 1 (11.1.1) at:

http://download.oracle.com/docs/cd/E14571_01/relnotes.htm

The text in the originally published release note is incorrect. The correct text appears in this section.

If you want to use Essbase or Hyperion Financial Management as a data source for the Oracle BI Server, and you want to authenticate using a shared token rather than configuring shared credentials in the connection pool, you must first enable compatibility for shared tokens using the steps provided in this section. If you enable compatibility for shared tokens, do not select **Shared logon** in the connection pool. Note that the Oracle Business Intelligence user and the Enterprise Performance Management user must use the same identity store.

If you do not enable compatibility for shared tokens, and you also do not provide shared credentials in the connection pool, then the Oracle BI Server attempts to authenticate using the pass-through user credentials (in other words, the user name and password used to log on to Oracle Business Intelligence).

Before you begin, ensure that you have the database connection information available for the Oracle Business Intelligence database where you populated the BI Platform schemas using RCU. For example, ensure that you have the host name, port, SID, user name, and password for the database.

To enable CSS token generation for single sign-on from the Oracle BI Server to Essbase or Hyperion Financial Management data sources:

1. In the Oracle Business Intelligence environment, open `setDomainEnv.sh` (or `setDomainEnv.bat` on Windows) for editing. You can find this file at:

```
DOMAIN_HOME/bin
```

For example:

```
MW_HOME/user_projects/domains/bifoundation_domain/bin
```

2. Add the following entry:

```
ExtraJavaProperties=-DEPM_ORACLE_INSTANCE= ORACLE_INSTANCE
```

For example:

```
ExtraJavaProperties=-DEPM_ORACLE_INSTANCE= C:\My_MW_Home\instances\instance1
```

3. Save and close the file.
4. Download the patch for bug 10263740 from My Oracle Support to obtain the utility. See [Section 1.1, "Obtaining Patches from My Oracle Support"](#) for more information.
5. Extract the contents of the archive to:

```
ORACLE_INSTANCE/config/foundation/11.1.2.0
```

Create this directory if it does not already exist.

6. Edit `epm_components_creation.sh` (or `epm_components_creation.bat` on Windows) to provide required values for `ORACLE_HOME`, `ORACLE_INSTANCE`, and `JAVA_HOME` as appropriate for your environment.
7. On Linux systems, make `epm_components_creation.sh` executable using the following command:

```
chmod +x epm_components_creation.sh
```

8. Run the executable `epm_components_creation.sh` (or `epm_components_creation.bat` on Windows), and provide the database host name, port, SID, user name, and password as command-line arguments. For example:

```
epm_components_creation.sh db_hostname db_port sid db_user db_pwd
```

The following output is displayed:

```
Writing credentials to reg.properties file.
Credentials written to reg.properties file.
Creating Component Types.
Component Types Created.
Creating Basic Components
Basic Components Created
All tasks successfully completed.
```

9. To validate that the data was successfully populated in the EPM Registry, execute `epm_components_creation.sh` (or `epm_components_creation.bat` on Windows) and provide "validate" as a command-line argument. For example:

```
epm_components_creation.sh validate
```

The following output is displayed:

```
Following required properties are available for SHARED_SERVICES_PRODUCT in EPM
Registry:-
mode=FUSIONAPPS
COMPATIBILITY=11120-
```

10. Restart the BI domain, including the Administration Server and Managed Servers.

1.4.25 Configuring SSO for Essbase and Hyperion Financial Management Data Sources With Oracle Business Intelligence 11.1.1.5, 11.1.1.6, and 11.1.1.6.2

Impacted Releases: 11.1.1.5, 11.1.1.6, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

For releases after 11.1.1.6, this behavior is also described in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-06)* and *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-07)*.

If you want to use Essbase or Hyperion Financial Management as a data source for the Oracle BI Server, and you want to authenticate using a shared token rather than configuring shared credentials in the connection pool, then you must first enable compatibility for shared tokens using the steps provided in this section. Note that the Oracle Business Intelligence user and the Enterprise Performance Management user must use the same identity store.

The steps to configure SSO for Essbase and Hyperion Financial Management data sources are different, depending on which release of Enterprise Performance Management you are using. This section contains the following topics:

- [Section 1.4.25.1, "Configuring SSO for Essbase and Hyperion Financial Management Release 11.1.2.1 or Later"](#)
- [Section 1.4.25.2, "Configuring SSO for Essbase and Hyperion Financial Management Release 11.1.2.0 or Earlier"](#)

1.4.25.1 Configuring SSO for Essbase and Hyperion Financial Management Release 11.1.2.1 or Later

To configure the Oracle BI Server for shared token generation for Essbase and Hyperion Financial Management Release 11.1.2.1 or later (installed with the EPM System Installer), you first run the `runRegSyncUtil` utility, and then you run an `epmsys_registry` command. When these steps are complete, you can select **SSO using CSS Token** in the data source connection pool in the Oracle BI Repository to designate an SSO connection.

To configure SSO for Essbase and Hyperion Financial Management Release 11.1.2.1 or later:

1. Locate the `regSyncUtil_OBIEE-TO-EPM.zip` file under `BI_ORACLE_HOME/common/CSS/11.1.2.0` and extract it to the same location.

Note: For Oracle Business Intelligence Release 11.1.1.5 only, you must first obtain regSyncUtil_OBIEE-TO-EPM.zip by downloading patch 14606665. See [Section 1.1, "Obtaining Patches from My Oracle Support"](#) for more information about downloading patches.

2. Copy the reg.properties file from:

```
EPM_ORACLE_INSTANCE/config/foundation/11.1.2.0
```

to:

```
BI_ORACLE_HOME/common/CSS/11.1.2.0/regSyncUtil/src
```

3. On Linux systems, make runRegSyncUtil.sh executable using the following command:

```
chmod +x runRegSyncUtil.sh
```

4. Open runRegSyncEditUtil.sh (or runRegSyncEditUtil.bat on Windows systems) for editing. You can find the runRegSyncEditUtil file in *BI_ORACLE_HOME*/common/CSS/11.1.2.0/regSyncUtil.
5. In the file, update the ORACLE_HOME and ORACLE_INSTANCE environment variables as appropriate for the given Oracle Business Intelligence environment. Note that ORACLE_HOME should be equivalent to *MW_HOME*/Oracle_BI1 and ORACLE_INSTANCE should be equivalent to *MW_HOME*/instances/instance*n*.
6. Save and close the file.
7. Run the utility. The following example shows how to run the utility on Linux:

```
BI_ORACLE_HOME/common/CSS/11.1.2.0/regSyncUtil/runRegSyncUtil.sh
```

8. Run following epmsys_registry.sh command:

```
BI_ORACLE_INSTANCE/config/foundation/11.1.2.0/epmsys_registry.sh removeproperty  
SHARED_SERVICES_PRODUCT/@applicationId
```

9. Restart the BI Domain, including the Administration and Managed Servers.
10. Restart all OPMN processes.

After these steps are complete, you can select **SSO using CSS Token** in the General tab of the connection pool object that corresponds to the Essbase or Hyperion Financial Management data source in the Oracle BI repository. You should also select the **Virtual Private Database** option in the corresponding database object to protect cache entries.

1.4.25.2 Configuring SSO for Essbase and Hyperion Financial Management Release 11.1.2.0 or Earlier

To configure the Oracle BI Server for shared token generation for Essbase and Hyperion Financial Management Release 11.1.2.0 or earlier (installed with the EPM System Installer), you first run an epmsys_registry command, and then you select **SSO using CSS Token** in the data source connection pool in the Oracle BI Repository.

To configure SSO for Essbase and Hyperion Financial Management Release 11.1.2.1 or later, run the following command from the Oracle Business Intelligence environment:

```
BI_ORACLE_INSTANCE/config/foundation/11.1.2.0/epmsys_registry.sh/cmd  
updateproperty SHARED_SERVICES_PRODUCT/@COMPATIBILITY 11120-
```

After this step is complete, you can select **SSO using CSS Token** in the General tab of the connection pool object that corresponds to the Essbase or Hyperion Financial Management data source in the Oracle BI repository. You should also select the **Virtual Private Database** option in the corresponding database object to protect cache entries.

1.4.26 Patch Available to Hide Selected Consistency Check Warnings

Impacted Releases: 11.1.1.3

Platforms: All

You can download and apply patch 11810367 to hide selected warnings from the Consistency Check Manager. After applying the patch, the following warnings are hidden by default: 39009, 39054, 39055, 39057, and 39059. See [Section 1.1, "Obtaining Patches from My Oracle Support"](#) for more information about downloading patches.

To make these warnings visible again in the Consistency Check Manager, follow these steps:

1. Click the **Options** button in the Consistency Check Manager to open the Consistency Check Warnings dialog.
2. Deselect the warnings that you want the Consistency Check Manager to display.
3. Click **OK**.

You can also add additional warnings to the exclusion list in the Consistency Check Warnings dialog. To do this:

1. Go to the following directory:

```
ORACLE_INSTANCE/config/OracleBIServerComponent/coreapplication_obisn
```

2. In that directory, create a text file called warn_off.ini. This file must be in ASCII format.
3. Populate the file with contents similar to the following, listing the warning numbers that you want to add to the exclusion list in the Consistency Check Warnings dialog:

```
[CCOptions]  
CC_WARNINGS_LIST = 39024,39077
```

Note the following:

- All excluded warnings must be on one line and can be separated by a comma, a semicolon, or a space.
 - You cannot exclude errors. You can only exclude warnings from the Consistency Check Manager.
 - If you add warning numbers from the default exclusion list (39009, 39054, 39055, 39057, and 39059), they are ignored.
4. Save and close the file.
 5. Close and then re-open the Consistency Check Manager. The new warnings are displayed in the Consistency Check Warnings dialog and are selected by default, meaning that those warnings are excluded from consistency checks.

1.4.27 Issues with WebLogic LDAP User Passwords

Impacted Releases: 11.1.1.3

Platforms: All

If you experience issues with WebLogic LDAP user passwords that contain non-ascii characters, please contact Oracle Support and reference bug 9929485 for details of a patch.

1.4.28 Configuring the GUID Attribute in the Identity Store

Impacted Releases: 11.1.1.3

Platforms: All

If you configure an alternative authentication provider such as Oracle Application Server or Active Directory, and you change the GUID attribute from its default value, then you must ensure that the value that you use in the Identity Store matches the changed value that you are using in the alternative authentication provider.

For example, if you use Oracle Internet Directory and have changed the default value of the GUID attribute from `orclguid` to `newvalue`, then you must set the value to `newvalue` in both the Identity Store and the authentication provider.

To configure the GUID attribute in the Identity Store:

1. In Fusion Middleware Control, navigate to `\Weblogic domain\bifoundation_domain` in the navigation pane.
2. Right-click `bifoundation_domain` and select Security, then Security Provider Configuration to display the Security Provider Configuration page.
3. In the Identity Store Provider area, click **Configure** to display the Identity Store Configuration page.
4. In the Custom Properties area, use the Add option to create a Custom Property called `PROPERTY_ATTRIBUTE_MAPPING` with a new value for the GUID attribute (for example, `GUID=newvalue`).

Table 1–1 Custom Properties

| Property Name | Value |
|---|---|
| <code>PROPERTY_ATTRIBUTE_MAPPING</code> | Specify the GUID attribute value that is set in the authentication provider. For example, if the GUID attribute is set to <code>newvalue</code> in the authentication provider, then set this value to <code>GUID=newvalue</code> . |

5. Click **OK** to save the changes.
6. Restart the Administration Server, Managed Server(s), and BI components.

1.4.29 Messages Might Be Garbled When Running WebLogic Command Files

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: Microsoft Windows (32-Bit)

In a Windows environment where the locale is not UTF-8, running WebLogic command files (either directly or from the Windows Start menu) on an Oracle BI EE system might garble messages that are shown in the terminal window. The fact that the messages are garbled does not affect the correct running of the system.

This issue has no workaround.

1.4.30 Rendering Issues Might Occur in Presentation Services When Using Microsoft Internet Explorer 9.x

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

If you are using Internet Explorer Version 9.x, you might see the following issues when running Presentation Services:

- Truncate option does not truncate the title
- Deleting the Conditional property enlarges the screen
- Bars drop down when using the magnifying glass to zoom
- Graph title does not show in a graph view
- Graph views have a black background
- Event Channels area in the Map Properties dialog is not empty as it should be by default
- Some arrow down keys do not line up correctly in the dialogs that are used for Business Intelligence formatting
- Some dialogs that are used for Business Intelligence formatting are oversized
- When hovering the mouse pointer in the right corner of the Filters section, you cannot see the toolbar
- The New Filter dialog does not display in the browser

1.4.31 Poor Performance Starting Up WebLogic Server

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

If you are running BI Publisher using a shared catalog with Oracle BI Enterprise Edition, you might experience a prolonged delay when restarting the WebLogic server using either the "Activate Changes" button in the WebLogic console, or using the WebLogic.sh script.

To improve startup performance, you can move or delete the following sets of folders from the <DOMAIN_HOME>/config/bi_publisher/repository. Removing these folders has an impact during runtime, therefore ensure that you understand the impact before moving or removing the folders.

- Tools - this folder contains the BI Publisher Desktop Tools executable binary files that are available from the user Home page Tools download links. These links no longer function when the Tools directory is removed. No other BI Publisher functionality is affected. The BI Publisher Desktop Tools are also available from the install media and from the Oracle Technology Network (OTN).
- Reports/Samples - the Samples folder contain the sample reports and data models delivered with BI Publisher.

If English is the only language required for your system, then you can also remove the following:

- Admin/Translation - these folders contain the translation files for languages other than English.

1.4.32 Analysis State Is Not Maintained for Breadcrumbs

Impacted Releases: 11.1.1.7

Platforms: All

If you are navigating within an analysis (for example, performing drilling) when the analysis is opened from the Home or Catalog pages or from an action link, then the state for the analysis is not maintained by the breadcrumb trail. However, the dashboard page state is maintained including navigating within an analysis on a dashboard page.

1.4.33 Enhancements to Accessibility Features

Impacted Releases: 11.1.1.7

Platforms: All

The following enhancements have been added to the accessibility features:

- Enhanced markup support for defined column interaction and navigation in accessibility mode.
- A new predefined presentation variable, `@{session.accessibility}`, to indicate whether accessibility mode is enabled for the current user session.

This variable is helpful, for example, to control dashboard section visibility by changing what content gets displayed, depending on whether the user is running in regular mode or accessibility mode.

These enhancements have been described in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition (E10544-06)*.

1.4.34 Incorrect DataDirect License File for DataDirect 7.0.1 Drivers on Linux

Impacted Releases: 11.1.1.7

Platforms: Linux x86-64

The Oracle Business Intelligence installation of Linux installed on a 64-bit operating system contains the incorrect DataDirect license file for the DataDirect 7.0.1 drivers. If you want to configure Oracle BI EE to use the DataDirect 7.0.1 drivers, including the Hive driver, then obtain the correct license file by downloading and applying patch 16278897. See [Section 1.1, "Obtaining Patches from My Oracle Support"](#) for more information about downloading patches.

1.4.35 Using Non-Native Characters In ODBC Data Source Administrator Wizard

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7

Platforms: All

In ODBC Data Source Administrator wizard, you cannot create a System DSN for Oracle BI Server 11g if the **Name** that you specify contains non-Native characters.

In addition, if you specify a **Name** with Native characters and a **Description** with non-Native characters, then you can save the DSN, but when you edit the DSN the **Description** is displayed as question mark characters (that is, '?').

Examples of non-Native characters:

- Surrogate characters on CCJK Windows.
- Asian or Arabic characters on European Windows.

Workaround

Use Native characters to specify a **Name** and **Description**.

1.4.36 Excel 2003 Support to Be Removed in Future Releases

Impacted Releases: Releases after 11.1.1.7

Excel 2003 will no longer be supported in releases after Release 11.1.1.7. This means that the following features will no longer be supported:

- The ability to integrate an analysis with Excels' Internet Query (IQY) feature
- Excel 2003 in the Go URL
- Export to Excel 2003

1.4.37 Change in Permission Inheritance for Users and Application Roles

Impacted Releases: 11.1.1.7

Platforms: All

Oracle BI EE 11.1.1.7 contains a change to permissions where the application role with access to an object must also have access to the object's container. For example, if ApplicationRole 1 has permission to access Column A, which is part of Table B, then ApplicationRole1 must also have permission to access Table B. This change in permissions can prevent users from accessing Oracle BI repository objects that they were previously able to access.

To revert to the Oracle BI EE 11.1.1.6 and earlier behavior, download and apply patch 18615083. See [Section 1.1, "Obtaining Patches from My Oracle Support"](#) for more information about downloading patches.

Patch 18615083 contains support for the OBIS_SECURITY_10g_COMPATIBLE environment variable. On your Oracle BI Server machine, set the OBIS_SECURITY_10g_COMPATIBLE environment variable to 1 to enable the Oracle BI EE 11.1.1.6 and earlier permissions behavior.

1.4.38 Authentication Fails Against Third Party LDAP When Virtualize is Set to True

Impacted Releases: 11.1.1.9

Platforms: All

When using Microsoft Active Directory as the Identity Store and also using the virtualize=true option, users are unable to login to Oracle Business Intelligence. This relates to Bug 20188679 - authentication fails against 3rd party ldap when virtualize=true set. Customers should check the availability of a patch for this issue on their installation platform before continuing to upgrade to 11.1.1.9.0.

1.4.39 Error When Saving Oracle Hyperion Financial Reporting Release 11.1.2.4.000 Snapshot Reports

Impacted Releases: 11.1.1.9

Platforms: All

When you are running Oracle Hyperion Financial Reporting Release 11.1.2.4.000 with the Oracle BI EE Presentation Catalog, you might encounter an error when saving a Financial Reporting snapshot report in the catalog.

The error occurs if you attempt to save a Financial Reporting snapshot report into a folder that already contains a dynamic report with the same name.

To work around this issue, either save the snapshot report with a different name, or rename the dynamic report.

1.4.40 Oracle BI Enterprise Edition Does Not Work Properly When Using Touchscreens

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Oracle Business Intelligence Mobile for Apple iOS and for Google Android are both fully touchscreen-enabled. Using Oracle BI Mobile, you can view and interact with Oracle BI content in mobile touchscreen environments.

However, other Oracle BI EE tools (for example, Oracle BI Answers and Oracle BI Dashboards) are not intended for use with touchscreens, even when the underlying browser and/or operating system do provide touchscreen support.

Attempting to use these Oracle BI EE tools in touchscreen environments will significantly compromise the user experience. Because the compromised user experience is expected behavior for which there is no workaround, using the tools in touchscreen environments is not supported.

1.4.41 DataDirect 7.1.4 Drivers Configuration

Impacted Releases: 11.1.1.9

Platforms: All

If you perform a new installation of Oracle BI EE 11g Release 11.1.1.9, the required DataDirect 7.1.4 drivers are installed and automatically configured. If you upgrade to Oracle BI EE 11.1.1.9 from a release prior to 11g, then the DataDirect drivers are also installed and automatically configured.

However, if you patch Oracle BI EE from an 11g release prior to 11.1.1.9, then the required DataDirect 7.1.4 drivers are installed but not configured. You must configure your installation to use the DataDirect 7.1.4 drivers.

You can perform this task in two ways:

- Use the DataDirect configuration script to configure the drivers, as described in [Section 1.4.41.1, "Using the Script to Configure DataDirect."](#)
- Manually perform the configuration of the drivers, as described in [Section 1.4.41.2, "Configuring DataDirect Manually."](#)

This configuration must be performed on each server running DataDirect with Oracle BI EE.

If your environment includes Oracle Essbase, then you need to perform additional DataDirect configurations steps, as described in [Section 1.4.41.3, "Additional DataDirect Configuration for Oracle Essbase."](#)

1.4.41.1 Using the Script to Configure DataDirect

The following procedure explains how to use the DataDirect configuration script to configure the DataDirect drivers for Windows, Linux, and UNIX platforms.

To configure Oracle Business Intelligence to use DataDirect Drivers:

1. Stop all services. See "Starting and Stopping Oracle Business Intelligence" in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* for information about stopping all services.

2. Locate the DataDirect configuration script.

For Linux and UNIX systems,

```
ORACLE_HOME/bin/datadirect_version.sh
```

For Windows,

```
ORACLE_HOME/bin/datadirect_version.cmd
```

3. Open the script and update it, as needed. Note the syntax and options.

```
/bin/datadirect_version.cmd -i oracleInstance -s driverVersion [-l|-h]
```

Where:

-i is the Oracle BI Instance directory.

-s is the DataDirect driver version.

Example:

```
/bin/datadirect_version.cmd -i C:\Installs\OBIEE\instances\instance1 -s 7.1.4
```

You can specify -l to provide a list of the DataDirect drivers that Oracle BI EE supports.

You can specify -h to display usage.

4. Press Enter to run the configuration script.
5. To complete the changes to the system, restart all services. See "Starting and Stopping Oracle Business Intelligence" in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* for information about restarting all services.

1.4.41.2 Configuring DataDirect Manually

The Oracle BI EE patch puts the DataDirect 7.1.4 drivers in `ORACLE_HOME/common/ODBC/Merant/7.1.4`.

The following procedure explains how to manually configure the DataDirect drivers for Windows, Linux, and UNIX platforms. If you used the DataDirect Configuration script, as described in [Section 1.4.41.1, "Using the Script to Configure DataDirect,"](#) then you do not need to perform the manual configuration.

To configure Oracle Business Intelligence to use DataDirect Drivers:

1. Stop all services. See "Starting and Stopping Oracle Business Intelligence" in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* for information about stopping all services.

2. Open `opmn.xml` for editing. You can find `opmn.xml` at:

```
ORACLE_INSTANCE/config/OPMN/opmn/opmn.xml
```

3. Locate the `coreapplication_obis1` tag, and within that tag, locate the "`LD_LIBRARY_PATH`" and the "`PATH`" variables. For example:

```
<variable id="LD_LIBRARY_PATH"
value="$ORACLE_HOME/common/ODBC/Merant/5.3/lib$
$ORACLE_HOME/bifoundation/server/bin$: $ORACLE_
```



```
HOME/bifoundation/web/bin$: $ORACLE_HOME
/clients/epm/Essbase/EssbaseRTC/bin$: $ORACLE_HOME
/bifoundation/odbc/lib$: $ORACLE_INSTANCE$: $ORACLE_HOME/lib" append="true" />
```

4. Update the "LD_LIBRARY_PATH" and "PATH" variables to include the DataDirect 7.1.4 driver path. For example:

```
<variable id="LD_LIBRARY_PATH"
value="$ORACLE_HOME/common/ODBC/Merant/7.1.4/lib$:
$ORACLE_HOME/bifoundation/server/bin$: $ORACLE_
/HOME/bifoundation/web/bin$: $ORACLE_HOME
/clients/epm/Essbase/EssbaseRTC/bin$: $ORACLE_HOME
/bifoundation/odbc/lib$: $ORACLE_INSTANCE$: $ORACLE_HOME/lib" append="true" />
```

5. If you are using Oracle Essbase with Oracle BI EE, then locate the `essbasesserver1` tag, and then within that tag, locate the "ODBCINST" variable. Update this variable to include the DataDirect 7.1.4 driver path. For example:

```
<variable id="ODBCINST" value="$HYPERION_
HOME/common/ODBC/Merant/7.1.4/odbcinst.ini" />
```

6. Save and close the file.
7. Open the `odbc.ini` file. You can find this file at:

```
ORACLE_INSTANCE/bifoundation/OracleBIApplication/coreapplication/setup/odbc.ini
```

8. Update the ODBC entry to use the DataDirect drivers.

```
[ODBC]
Trace=0
TraceFile=ORACLE_
INSTANCE/diagnostics/logs/OracleBIApplication/coreapplication/odbctrace.out
TraceDll=ORACLE_HOME/common/ODBC/Merant/7.1.4/lib/odbcdrac.so
InstallDir=ORACLE_HOME/common/ODBC/Merant/7.1.4
UseCursorLib=0
IANAAppCodePage=4
```

9. Update all existing data source names that are configured with a previously used DataDirect version. For example, the following data source named `SQLSERVER` needs to be updated from DataDirect 7.1 to DataDirect 7.1.4.

```
[ODBC Data Sources]
AnalyticsWeb = Oracle BI Server
Cluster = Oracle BI Server
SSL_Sample = Oracle BI Server
SQLSERVER = DataDirect 7.1
```

10. Save and close the `odbc.ini` file.
11. Go to the following location to launch a shell window that is initialized to your Oracle instance.

```
ORACLE_INSTANCE/bifoundation/OracleBIApplication/coreapplication/setup
```

For Linux and UNIX systems, double-click `bi-init.sh`.

For Windows, double-click `bi-init.cmd`.

12. At the command prompt, navigate to the `EPM_ODBC_DRIVER_DIR` and change the DataDirect driver to version 7.1.4.

```
EPM_ODBC_DRIVER_DIR=$ORACLE_HOME/common/ODBC/Merant/7.1.4/lib
```

13. Repeat these steps on each computer that runs the Oracle BI Server process. If you are running multiple Oracle BI Server instances on the same computer, then ensure that you update the `coreapplication_obis` tag for each instance in `opmn.xml` (for example, `coreapplication_obis1`, `coreapplication_obis2`, and so on).
14. To complete the changes to the system, restart all services. See "Starting and Stopping Oracle Business Intelligence" in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* for information about restarting all services.
15. If you are using a database that is already configured to use the DataDirect drivers, then you must modify the database configuration's `odbc.ini` file to use the correct DataDirect drivers.

See "Using DataDirect Connect ODBC Drivers on Linux and UNIX" in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition* for more information about modifying your existing database configuration.

1.4.41.3 Additional DataDirect Configuration for Oracle Essbase

If you are using Oracle Essbase with Oracle BI EE patched from an 11g release prior to 11.1.1.9, then you must manually configure the DataDirect drivers for Essbase.

This additional configuration requires you to modify the `essbase.cfg` file and the `epmsys_registry.bat` utility (`epmsys_registry.sh` for Linux and UNIX) so that Essbase connects to the DataDirect 7.1.4 drivers.

To modify the `essbase.cfg` file:

1. Open `essbase.cfg` for editing. You can find `essbase.cfg` at:

```
ORACLE_INSTANCE\instances\instance1\Essbase\essbaseserver\bin
```
2. Locate the `BPM_ORACLE_DriverDescriptor` entry and change the value to "DataDirect 7.1 Oracle Wire Protocol". For example, your `essbase.cfg` file could have:

```
BPM_Oracle_DriverDescriptor "DataDirect 6.0 Oracle Wire Protocol"
```
3. Use the `opmnctl` command line utility to restart Essbase. For example:

```
<instance_home>/bin/opmnctl restartproc ias-component=essbaseserver1
```

To modify the Essbase Server registry:

1. Open a command prompt and enter and run the command to view the `ESSBASE_SERVER` registry properties.
For Windows:

```
C:\OracleBI\instances\instance1\config\foundation\11.1.2.0>epmsys_registry.bat view ESSBASE_SERVER
```


For Linux/UNIX:

```
C:\OracleBI\instances\instance1\config\foundation\11.1.2.0>epmsys_registry.sh view ESSBASE_SERVER
```
2. Locate and copy the ID property.
3. Enter and run the following command to update the DataDirect version listed in the `BPM_Oracle_DriverDescriptor` property.

For Windows:

```
epmsys_registry.bat updateproperty #your_componentID/@BPM_Oracle_
DriverDescriptor "DataDirect 7.1 Oracle Wire Protocol"
```

For Linux/UNIX:

```
epmsys_registry.sh updateproperty #your_componentID/@BPM_Oracle_
DriverDescriptor "DataDirect 7.1 Oracle Wire Protocol"
```

4. If you scaled your Oracle BI EE environment, then repeat the above steps for all instances.
5. Use the opmnctl command line utility to restart Essbase. For example:

```
<instance_home>/bin/opmnctl restartproc ias-component=essbaseserver1
```

1.4.42 SSL Configuration Changes Required Due to New JDK Version

Impacted Releases: 11.1.1.9

Platforms: All

When using Oracle BI 11.1.1.9.0 with Weblogic 10.3.6 and JDK 7, download and apply Weblogic patch 13964737.

This patch includes a number of post-install instructions. Follow the instructions precisely to ensure that SSL works correctly in Oracle Business Intelligence.

The instructions include the creation of a new java Demo Identity keystore.

The post install instructions also add an extra Weblogic system property:

```
-Dweblogic.ssl.JSSEEnabled=true
```

It is important to ensure that all Java keytool or utils commands used when configuring SSL are the JDK 7 versions. This also applies when configuring BI client tools for SSL.

It is also important to enable trust between code running in weblogic servers by adding the following weblogic startup option to the setDomainEnv.sh or setDomainEnv.bat file (substituting the correct path and passphrase to your Trust keystore):

```
JAVA_OPTIONS="{JAVA_OPTIONS} -Djavax.net.ssl.trustStore=/<MW_
HOME>/wls_server_10.3/server/lib/DemoTrust.jks
-Djavax.net.ssl.trustStorePassword=DemoTrustKeyStorePassPhrase"
```

1.4.43 Microsoft Windows 32-Bit Not Supported From Oracle BI EE Release 11.1.1.9 Onwards

Impacted Releases: 11.1.1.9

Platforms: Microsoft Windows (32-Bit)

From Oracle BI EE Release 11.1.1.9.0 onwards, Microsoft Windows 32-bit is no longer supported. Ignore all references in the documentation to Windows 32-bit environments.

For more information on supported platforms, refer to the Certification Matrix on Oracle Technology Network (OTN) at:

<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

1.4.44 Upgraded Financial Reporting Charting Rendering Engine

Impacted Releases: 11.1.1.9

Platforms: All

Starting with the March 2016 update of the service, Financial Reporting will use an upgraded charting engine to improve report visualization. Because of the inherent differences between the old and new rendering engines, this upgrade will have some impact on the rendered chart output and behavior. While Oracle has focused on maintaining the existing charting functionality, chart outputs from the upgraded engine may differ from those created using the old engine.

For details, see the *Oracle Hyperion Financial Reporting Charting Guide* in the Oracle Enterprise Performance Management System Documentation Release 11.1.2.4.

1.5 Oracle Business Intelligence Installation Issues and Workarounds

This section describes issues and workarounds related to installing Oracle Business Intelligence.

- [Section 1.5.1, "Error When Installing Oracle Business Intelligence Against a SQL Server Database"](#)
- [Section 1.5.2, "Scale-Out Scenarios Are Not Supported on OS with Different Patch Levels"](#)
- [Section 1.5.3, "Need to Correctly Create the Oracle Central Inventory in a UNIX Environment"](#)
- [Section 1.5.4, "Antivirus Software Might Block the Installation in a Windows Environment"](#)
- [Section 1.5.5, "Oracle Business Intelligence Installer Stops at Administrator User Details Screen"](#)
- [Section 1.5.6, "Issues When Installing Oracle Business Intelligence on Windows 2008"](#)
- [Section 1.5.7, "Installing Oracle Business Intelligence on a Shared Drive Might Fail"](#)
- [Section 1.5.8, "Configuring DB2 to Support Multibyte Data"](#)
- [Section 1.5.9, "Using Multibyte Data Causes Issues with Microsoft SQL Server 2005/2008 Driver in Oracle BI Scheduler"](#)
- [Section 1.5.10, "Job Manager Does Not Start Due to Insufficient Permissions on Windows Operating Systems"](#)
- [Section 1.5.11, "Oracle Essbase Fails to Start on Microsoft Windows x64 \(64-Bit\)"](#)
- [Section 1.5.12, "Missing Locale Causes Oracle Business Intelligence Installation to Fail on UNIX"](#)
- [Section 1.5.13, "Ignore FAT File System Error Message When Performing an Enterprise Installation"](#)
- [Section 1.5.14, "Job Manager Might Fail to Launch from the Start Menu"](#)
- [Section 1.5.15, "Job Manager Cannot Launch if the Client Tools Install Path Includes Multi-Byte Characters"](#)
- [Section 1.5.16, "Error Occurs When RCU is Invoked For a Second Time to Create Only MDS/Platform Schemas on IBM DB/2"](#)

- [Section 1.5.17, "Financial Reporting Print Server Not Enabled"](#)
- [Section 1.5.18, "Oracle Hyperion Calculation Manager does not work correctly without Adobe Flash Player"](#)
- [Section 1.5.19, "Oracle Universal Installer Incorrectly Reports "No IPv4 Network Interfaces Found""](#)
- [Section 1.5.20, "Oracle Business Intelligence Installation Fails to Respond"](#)
- [Section 1.5.21, "Binaries Fail to Redirect the Output to Log File"](#)
- [Section 1.5.22, "Binaries Fail With Segmentation Faults on Certain Versions of AIX"](#)
- [Section 1.5.23, "Oracle BI Client Installer Fails When Selecting Mainland Chinese as the Installation Language"](#)
- [Section 1.5.24, "Oracle BI Client Installer Fails to Install on a Windows 8 Operating System"](#)
- [Section 1.5.25, "Error When Installing Oracle Business Intelligence on Windows 2012 R2"](#)

Depending on your Oracle Fusion Middleware implementation, some information in Chapter 2, "Installation, Patching, and Configuration" in *Oracle Fusion Middleware Infrastructure Release Notes* might also be relevant.

1.5.1 Error When Installing Oracle Business Intelligence Against a SQL Server Database

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

If you are using an MS SQL Server database when installing Oracle Business Intelligence, then the mds-owsm and bip_datasource JDBC data sources has an invalid test table. This stops the WebLogic Server automatic connection testing from functioning. For example, if the database stops, WebLogic Server does not recognize a hanging or invalid connection.

The workaround is to edit the Test Table Name parameter to allow a SQL string to be executed to test the connection. To do so, set the parameter in the WebLogic Server Administration Console to `SQL select 1`.

1.5.2 Scale-Out Scenarios Are Not Supported on OS with Different Patch Levels

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

Scale-out scenarios of the BI domain are not supported on computers that have the same operating system but different patch levels. All computers must have the same operating system patch level.

This constraint continues to apply to later releases and has been added to the *Oracle Fusion Middleware Installation Guide for Oracle Business Intelligence*.

1.5.3 Need to Correctly Create the Oracle Central Inventory in a UNIX Environment

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: Linux x86

When installing Oracle Business Intelligence on a computer running a supported UNIX operating system with no other Oracle software, ensure that you create the Oracle central inventory correctly. This action ensures correct patching functionality.

1.5.4 Antivirus Software Might Block the Installation in a Windows Environment

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7

Platforms: Microsoft Windows (32-Bit)

If you are deploying to a mapped network drive on a computer running a supported Windows operating system, then ensure that the antivirus software is not set to block the remote creation of autorun.inf files.

1.5.5 Oracle Business Intelligence Installer Stops at Administrator User Details Screen

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7

Platforms: All

If you attempt to install on a Windows system that is using DHCP, does not have a primary DNS suffix, and does not have a loopback adapter configured, then the Oracle Business Intelligence installer stops at the screen that prompts for the Administrator user details. This is displayed as a red cross in the tree on the left-hand side of the installer. This issue is caused by the installer not being able to resolve the IP address to a host name.

The workaround is to configure a loopback adapter or primary DNS suffix.

1.5.6 Issues When Installing Oracle Business Intelligence on Windows 2008

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: Microsoft Windows (32-Bit)

When you install Oracle Business Intelligence on Windows 2008, you might experience issues such as OPMN failing to start processes.

The workaround is to run the installation and configuration steps with the **Run as Administrator** option.

1.5.7 Installing Oracle Business Intelligence on a Shared Drive Might Fail

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Attempting to install Oracle Business Intelligence on a shared drive might fail, resulting in the following error message:

```
Installation Failed. Prepare Session failed You may not have enough space on your drive for a successful install. Do you still want to continue?
```

To avoid this issue when installing Oracle Business Intelligence on a shared drive, start the Oracle Business Intelligence installer from the command line using the `ignoreDiskWarning` option. For example, on Linux, use the following command:

```
./runInstaller -ignoreDiskWarning
```

1.5.8 Configuring DB2 to Support Multibyte Data

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When installed with an IBM DB2 database, the Oracle Business Intelligence installer configures the system with an ODBC 2.0 driver. In such systems, issues occur if multibyte data is used. To avoid this issue, use Oracle Enterprise Manager to configure the Oracle Business Intelligence system to use the native DB2 CLI driver instead.

To configure Oracle Business Intelligence to use DB2 CLI driver with IBM DB2:

1. Install the DB2 client software on the machines where Oracle Business Intelligence resides, and create a data source to the scheduler database.
2. After you install Oracle Business Intelligence, log into the system through Oracle Enterprise Manager.
3. Navigate to the **Scheduler** tab for the Oracle Business Intelligence server.
4. Click **Lock and Edit Configuration**.
5. Click the **Call Interface** drop-down list and select **DB2 CLI - Unicode**.
6. In the **Data Source** field, enter the data source name.
7. Click **Apply**, and then **Activate Changes**.

1.5.9 Using Multibyte Data Causes Issues with Microsoft SQL Server 2005/2008 Driver in Oracle BI Scheduler

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When installed with a Microsoft SQL Server 2005/2008 database, the Oracle Business Intelligence installer configures Oracle BI Scheduler with a SQL Server 2005/2008 driver. If multibyte data is used, scheduled jobs might fail. To avoid this issue, use Oracle Enterprise Manager to configure the Oracle Business Intelligence system to use a SQL Server 7.0/2000 driver instead.

To configure Oracle BI Scheduler to use the SQL Server 7.0/2000 driver with Microsoft SQL Server 2005/2008:

1. After you install Oracle Business Intelligence, log into the system through Oracle Enterprise Manager.
2. Navigate to the **Scheduler** tab for the Oracle Business Intelligence server.
3. Click **Lock and Edit Configuration**.
4. Click the **Database** drop-down list and select **SQL Server 7.0/2000**.
5. Click **Apply**.

1.5.10 Job Manager Does Not Start Due to Insufficient Permissions on Windows Operating Systems

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7

Platforms: Microsoft Windows (32-Bit)

If certain permission settings are insufficient, then Job Manager does not open when you attempt to start it. You can resolve this issue by changing the permission settings on the bifoundation folder. This folder can be found in the Oracle Business Intelligence Enterprise Edition Plus Client installation directory.

To resolve this issue:

1. In Windows Explorer, access the bifoundation folder, found in the directory where you installed Oracle Business Intelligence Enterprise Edition Plus Client. Typically, you can find this folder in the following directory:
C:\Program Files\Oracle Business Intelligence Enterprise Edition Plus Client\oraclebi\orainst\bifoundation
2. Right-click the bifoundation folder, and then click **Properties**.
3. Click the **Security** tab.
4. Click **Edit**.
5. Click **Add**. The Select Users, Computers, or Groups dialog window opens.
6. Click **Authenticated Users**, and then click **OK**.
7. In the Users or Groups pane, click **Authenticated Users**.
8. In the Permissions pane, click the **Modify** and **Write** check boxes so that check marks are displayed in them.
9. Click **OK**.
10. Start Job Manager either from the Start menu or the command line.

1.5.11 Oracle Essbase Fails to Start on Microsoft Windows x64 (64-Bit)

Platforms: Microsoft Windows (64-Bit)

Oracle Essbase fails to start on Microsoft Windows x64 (64-Bit) platform. It shows the following error:

```
Network Error [10048]: Unable to Bind Host Server Socket On Port [9501]
```

This error occurs when Oracle Process Management and Notification (OPMN) components are started on both the cluster nodes of Oracle Essbase cluster environment, and the Essbase component that is stopped on the active cluster node1 tries to fail over to cluster node2 or back to cluster node1.

At this time, OPMN spawns Oracle Essbase and passes two command line arguments as ports. They are as follows:

1. Its main listening port (1423 - as configured in `opmn.xml`).
2. A ping port, where OPMN keeps pinging Essbase.

For the second command line argument, OPMN does a port scan to find a free port from a dynamic range specified in `opmn.xml` file from the following attribute:

```
<port id="essbase-port-range" range="9500-9999" />
```

The port scan reports port 9501 as a free port. This result is incorrect, as OPMN is already listening on port 9501. Thus, when OPMN sends the startup arguments to Essbase with a ping port of 9501, Essbase fails to start and shuts down.

To work around this issue, specify the range in `opmn.xml` file as:

```
<port id="essbase-port-range" range="9502-9999" />
```

1.5.12 Missing Locale Causes Oracle Business Intelligence Installation to Fail on UNIX

Impacted Releases: 11.1.1.5

Platforms: Linux x86

The Oracle Business Intelligence installation fails on UNIX if the locale en_US.UTF-8 does not exist on the installation computer. To avoid this issue, ensure that the locale en_US.UTF-8 exists on the installation computer before you install Oracle Business Intelligence.

1.5.13 Ignore FAT File System Error Message When Performing an Enterprise Installation

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When performing an Enterprise Installation, under certain circumstances, you might see the error message "Middleware Home Location is in FAT file system". This message can occur when you install on an NTFS file system. You can click **Yes** to safely proceed with the installation.

1.5.14 Job Manager Might Fail to Launch from the Start Menu

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: Microsoft Windows (64-Bit)

Job Manager might fail to launch from the Start menu if the client tools were installed in a default folder on a French or Korean 64-bit Windows 7 operating system. This happens because users do not have privileges to create temporary directories.

The workaround is to do one of the following:

- Create a temporary directory manually and add the current user to the Administrator group on that temporary directory.
- Install the client tools in a specific directory, not the default directory.

1.5.15 Job Manager Cannot Launch if the Client Tools Install Path Includes Multi-Byte Characters

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When running the Oracle Business Intelligence Enterprise Edition Plus Client Installer, if the install path contains any multi-byte characters, then Job Manager cannot launch. To avoid this issue you must change the install path if it contains any multi-byte characters. Ensure that the install path contains only ASCII characters.

1.5.16 Error Occurs When RCU is Invoked For a Second Time to Create Only MDS/Platform Schemas on IBM DB/2

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2

Platforms: All

To prevent RCU displaying an EPM schema error when running RCU for the second time to create only MDS/BIPLATFORM schemas on IBM DB/2, you must first delete two lines of text from the ComponentInfo.xml file.

To prevent an EPM schema error occurring when using RCU for a second time to create only MDS/Platform schemas on IBM DB/2:

1. Open the file ComponentInfo.xml file which is located in rcu/config.

2. Delete the following two lines from the ComponentInfo.xml file:

```
<!ENTITY epm SYSTEM "../integration/epm/epm_ComponentInfo.xml">
&epm;
```

RCU uses these lines to display components listed in the selection tree for the Select Components page.

3. Save the ComponentInfo.xml file.
4. Run RCU for the second time.

1.5.17 Financial Reporting Print Server Not Enabled

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

When installed on an Oracle Business Intelligence instance, the Financial Reporting print server is unable to print.

To enable the Financial Reporting print server, apply the configuration template by performing the following steps:

1. Ensure that all processes in the domain are stopped, including all Oracle instances, the Administration Server, all Managed Servers, and Node Manager.

2. Start the Configuration Wizard.

On UNIX operating systems:

```
cd BI_ORACLE_HOME/common/bin
```

```
./config.sh
```

On Windows operating systems:

```
cd BI_ORACLE_HOME\common\bin
```

```
config.bat
```

3. On the Welcome screen, select Extend an existing WebLogic domain.
4. On the Select a WebLogic Domain Directory screen, select the location of the existing Oracle BI domain.
5. On the Select Extension Source screen, select Extend my domain using an existing extension template and select the following:

On UNIX operating systems:

```
ORACLE_HOME/common/templates/applications/oracle.frprintserver_
template_11.1.1.jar
```

On Windows operating systems:

```
ORACLE_HOME\common\templates\applications\oracle.frprintserver_
template_11.1.1.jar
```

6. Continue with the remainder of the Configuration Wizard screens to apply this template.
7. After the template is applied, restart all Oracle Instances, the Administration Server, Managed Servers, and Node Manager.

1.5.18 Oracle Hyperion Calculation Manager does not work correctly without Adobe Flash Player

Impacted Releases 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When installed as a component of Oracle Business Intelligence, the Rule Designer and the Template Designer in Oracle Hyperion Calculation Manager do not open if Adobe Flash Player (version 10.1 or higher) is not already installed on the computer from where Oracle Hyperion Calculation Manager is being accessed.

If the Adobe Flash Player is not installed already, go to <http://get.adobe.com/flashplayer> and follow the instructions to download and install the latest version of Adobe Flash Player for the platform.

1.5.19 Oracle Universal Installer Incorrectly Reports "No IPv4 Network Interfaces Found"

Impacted Releases 11.1.1.7

Platforms: All

On some environments, the Oracle Universal Installer (OUI) incorrectly reports "no IPv4 network interfaces found" and does not allow installation to proceed.

If you confirm that IPv4 network interfaces are available, then restart the installer with the extra parameter `DISABLE_IPV4_CHECK=true`

For example, on Linux, enter the following command:

```
./runInstaller "DISABLE_IPV4_CHECK=true"
```

1.5.20 Oracle Business Intelligence Installation Fails to Respond

Impacted Releases: 11.1.1.6.0

Platforms: Oracle Solaris

On Oracle Solaris on x64 (64-bit) systems, Oracle Business Intelligence release 11.1.1.6.0 installation may fail to respond when you run the following script:

```
BI_ORACLE_HOME/bifoundation/install/runsasperf.sh
```

To work around this issue, complete the following steps:

1. Stop the installation.
2. Log in as the root user and add the following entry in the `/etc/hosts` file:


```
local_install_machine_IP_address    stafas12
```
3. Install Oracle Business Intelligence.

1.5.21 Binaries Fail to Redirect the Output to Log File

Impacted Releases 11.1.1.7

Platforms: Oracle Solaris

When you run the `nqsserver`, `nqscheduler`, and `nqsclustercontroller` binaries on Oracle Solaris systems, the output is not redirected to the log files. For example:

```
$ORACLE_HOME/bifoundation/server/bin/nqsserver -v 1>/tmp/nqsserver.log 2>&1
```

```
$ORACLE_HOME/bifoundation/server/bin/nqscheduler -v 1>/tmp/nqscheduler.log 2>&1
$ORACLE_HOME/bifoundation/server/bin/nqsclustercontroller -v
1>/tmp/nqsclustercontroller .log 2>&1
```

Workaround:

From the command-line interface, redirect the output to the log file as follows:

- `$ORACLE_HOME/bifoundation/server/bin/nqsserver -v 1>/tmp/nqsserver.log 0>&1`
- `$ORACLE_HOME/bifoundation/server/bin/nqscheduler -V >/tmp/nqscheduler.log 0>&1`
- `$ORACLE_HOME/bifoundation/server/bin/nqsclustercontroller -V >/tmp/nqsclustercontroller.log 0>&1`

1.5.22 Binaries Fail With Segmentation Faults on Certain Versions of AIX

Impacted Releases: 11.1.1.7, 11.1.1.9.0

Platforms: IBM AIX

In some situations, running the `sawserver` and `sawping` binaries on some versions of IBM AIX could result in a segmentation fault causing a core dump, as follows:

- Running `opmnctl start` and `opmnctl stop` operations will dump core for the `sawserver` binaries in the `$INSTANCE_HOME` directory
- Running the `sawserver` and `sawping` binaries will dump core in the `$ORACLE_HOME/bifoundation/web/bin` directory

This behavior occurs on the following IBM AIX versions:

- 6100-09-01-1341
- 6100-09-02-1412
- 6100-09-03-1415
- 7100-03-01-1341
- 7100-03-02-1412
- 7100-03-03-1415

The workaround is to download a fix from IBM and apply it by following the instructions in the accompanying readme file. To obtain the fix, go to www.ibm.com/support and download the appropriate fix as follows:

- to locate the fix for AIX 6100-09, search for IV63322
- to locate the fix for AIX 7100-03, search for IV63130

1.5.23 Oracle BI Client Installer Fails When Selecting Mainland Chinese as the Installation Language

Impacted Releases 11.1.1.9.0

Platforms: Microsoft Windows (64 bit)

In some instances, you might notice that the Oracle BI Client Installer installed on a x64 Windows Server 2008 R2 running on a Simple Chinese operating system fails when you select zh-cn (Mainland Chinese) as the installation language.

To resolve this issue, ensure that you have installed Microsoft Visual C++ 2005 Redistributable (X64) or a later version before installing the Oracle BI Client Installer on x64 Windows Server 2008 R2 running on a Simple Chinese operating system.

1.5.24 Oracle BI Client Installer Fails to Install on a Windows 8 Operating System

Impacted Releases 11.1.1.9.0

Platforms: Microsoft Windows (64 bit).

Oracle BI Client Installer fails to install when you try installing it on a Windows 8 operating system.

To work around this issue, complete the following steps:

1. Download the BI Client installer on a Windows 8 operating system.
2. Right-click the BI installer, and select **Troubleshoot compatibility**.
3. In the Select troubleshooting option region, select **Troubleshoot option**.
4. In the What problems do you notice? region, select **The Program worked in earlier version of Windows but won't install or run now**.
5. In the Which version of Windows did this program work before? region, select the previous version of Windows on which you successfully installed the Oracle BI Client installer (for example, Windows 7).
6. Click **Test the program...** to confirm that the problem is resolved.
7. Click **Next**.

You can now successfully install Oracle BI Client installer on a Windows 8 operating system.

1.5.25 Error When Installing Oracle Business Intelligence on Windows 2012 R2

Impacted Releases 11.1.1.9.0

Platforms: Microsoft Windows (64 bit).

If you install Oracle Business Intelligence on Windows 2012 R2, it fails at the configuration stage, with the following error:

```
[[oracle.as.provisioning.exception.ASProvWorkflowException: Problem invoking WLST - Traceback (innermost last):
```

```
File "C:\Users\SRVC_H~1\AppData\Local\Temp\2\tmp1432830974064.py", line 18, in ?
```

```
File
```

```
"C:\Users\src_HyperionTest\AppData\Local\Temp\2\WLSTOfflineIni513966552188481
```

```
0443.py", line 91, in updateDomain
```

```
File "<iostream>", line 44, in ?
```

```
File
```

```
"E:\Oracle\OBIEE\wlserver_10.3\common\wlst\modules\jython-modules.jar\Lib/java
```

```
os$py.class", line 334, in system
```

```
File
```

```
"E:\Oracle\OBIEE\wlsserver_
10.3\common\wlst\modules\jython-modules.jar\Lib/popen2.py", line 235, in
system File

"E:\Oracle\OBIEE\wlsserver_
10.3\common\wlst\modules\jython-modules.jar\Lib/popen2.py", line 72, in __init__
File

"E:\Oracle\OBIEE\wlsserver_
10.3\common\wlst\modules\jython-modules.jar\Lib/java shell.py", line 64, in
execute

OSError: (0, 'Failed to execute command ([\'sh\',
\'-c\',\'E:/Oracle/OBIEE/Oracle_
BI1/products/financialreporting/bin/FRPrintServerUtility.cmd
E:\\\\Oracle\\\\OBIEE\\\\user_projects\\\\domains\\\\bifoundation_domain
E:/Oracle/OBIEE/Oracle_BI1/jdk E:/Oracle/OBIEE/Oracle_BI1\']):
java.io.IOException: Cannot run program "sh": CreateProcess error=2, The system
cannot find the file specified').
```

The workaround is to implement a software only installation of Oracle Business Intelligence and follow the instructions in section 4.2.5 "Installing Oracle Business Intelligence 11g with Your Own Java Development Kit (JDK)" of the *Oracle Fusion Middleware Installation Guide for Oracle Business Intelligence*, where you must patch WebLogic after it is installed, as follows:

1. Install Java 1.7.
2. Install WebLogic Server 10.3.6.
3. Patch WebLogic Server with Patch 16844206.
4. Perform a software only install of Oracle BI EE 11.1.1.9.0.
5. Configure Oracle BI EE.

1.6 Oracle Business Intelligence Upgrade Issues and Workarounds

This section describes issues and workarounds related to upgrading Oracle Business Intelligence from previous releases.

- [Section 1.6.1, "General Upgrade Issues and Workarounds"](#)
- [Section 1.6.2, "Security-related Upgrade Issues and Workarounds"](#)

Depending on your Oracle Fusion Middleware implementation, some information in Chapter 3, "Upgrade" in *Oracle Fusion Middleware Infrastructure Release Notes* might also be relevant.

1.6.1 General Upgrade Issues and Workarounds

This section describes general issues and workarounds related to upgrading Oracle Business Intelligence from previous releases.

- [Section 1.6.1.1, "Conditional Formatting Might Not Work After Upgrading from Oracle Business Intelligence Release 10g to Release 11g"](#)
- [Section 1.6.1.2, "Issues Exporting Large Data Sets to Microsoft Excel"](#)

- Section 1.6.1.3, "Managed Server for Oracle BI Encounters Issues After Upgrade from Release 11.1.1.3"
- Section 1.6.1.4, "MapView Runtime Failure After Upgrading from Release 11.1.1.6 to Release 11.1.1.7"
- Section 1.6.1.5, "Setting the DISABLE_FLOOR_IN_DIVISION Variable to Restore Division Expressions to the Previous 10g Behavior"
- Section 1.6.1.6, "After Upgrading to Oracle BI EE 11.1.1.9.0, Mobile App Designer Not Updated"
- Section 1.6.1.7, "After Upgrading From 10g to 11g, Administrators Cannot Access Administration Privileges"
- Section 1.6.1.8, "Step Enabling Oracle Business Intelligence JBIPS Configuration Template Features For the Smartview Client Is Not Required When Upgrading From 11.1.1.7 to 11.1.1.9"

1.6.1.1 Conditional Formatting Might Not Work After Upgrading from Oracle Business Intelligence Release 10g to Release 11g

Impacted Releases: 11.1.1.5

Platforms: All

If an attribute column's **Value Suppression** setting (in the Column Format tab of the Column Properties dialog) is not set to **Repeat**, then the measure is aggregated to the grain as defined by the position of the column with the format defined. This might cause a change in the conditional formatting after upgrading from Oracle Business Intelligence Release 10g to Release 11g. If the **Value Suppression** setting is set to **Repeat**, then the measure column that the conditional format is based on always uses the detail grain of the table view, in which case the conditional formatting works as expected.

This issue continues to apply to later releases and has been added to the *Oracle Fusion Middleware Upgrade Guide for Oracle Business Intelligence*.

1.6.1.2 Issues Exporting Large Data Sets to Microsoft Excel

Impacted Releases: 11.1.1.7

Platforms: All

In Oracle Business Intelligence Release 10g, you might have been accustomed to exporting large data sets (that is, those over 10000 rows) to Excel format. In Release 11g, while it is still possible to export directly to an Excel format, you might notice greater performance when exporting large numbers of rows if you export first to CSV, then import that file into Excel. If Oracle Business Intelligence is installed on a computer with a 32-bit operating system, then you should export to CSV format for greater performance.

If you must export a large data set without using the CSV format on a computer with a 64-bit operating system, then you might experience an out-of-memory error. If you see this error message, then you must likely increase the heap size for the JavaHost service. The default heap size is 1024MB. Depending on the available memory on the computer, you might want to increase the heap size for the JavaHost service using the procedure that is described in *Oracle Fusion Middleware Upgrade Guide for Oracle Business Intelligence*.

1.6.1.3 Managed Server for Oracle BI Encounters Issues After Upgrade from Release 11.1.1.3

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

After you upgrade from Release 11.1.1.3, you might find that the Managed Server for Oracle Business Intelligence encounters issues. For example, the Managed Server might not start or might time out. Use the following list to diagnose the issue:

- Do you see an out-of-memory error message related to "PermGen Space" in the following file:

```
MW_HOME\user_projects\domains\bifoundation_domain\servers\bi_server1\logs\bi_server1-diagnostics.log
```

- Have you checked if the appropriate memory settings are in effect?

Open the following file in a text editor:

```
MW_HOME\user_projects\domains\bifoundation_domain\bin\bi_server1.out
```

At the top of the file, look for a line that provides the Java memory settings that are used when the system starts. If you see the following line:

```
MEM_ARGS="-Xms256m -Xmx1024m -XX:MaxPermSize=256m"
```

then the settings are incorrect.

To work around these issues, you must edit a file called setOBIDomainEnv.cmd on Windows or setOBIDomainEnv.sh on UNIX. Ensure that you do not edit the similarly named setDomainEnv.cmd and setDomainEnv.sh files. The specifications in the setOBIDomainEnv file overwrite those in the setDomainEnv file.

1. Change to the following directory and locate the setup script (setOBIDomainEnv.cmd or setOBIDomainEnv.sh) for the Managed Server environment:

```
MW_HOME\user_projects\domains\bifoundation_domain\bin\
```

2. Make a backup copy of the setOBIDomainEnv file.
3. Open the setOBIDomainEnv file for editing in a text editor.
4. Locate the following line:

```
MEM_ARGS="-Xms256m -Xmx1024m -XX:MaxPermSize=256m"
```

and replace it with this text:

```
MEM_ARGS="-Xms256m -Xmx1024m -XX:MaxPermSize=512m"
```

5. Save the changes and close the file.
6. Restart the Node Manager and the Managed Server, as described in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition*.
7. Rerun the Configuration Assistant to update the Oracle BI Domain.
8. Perform these steps for each Managed Server in the cluster.

1.6.1.4 MapViewer Runtime Failure After Upgrading from Release 11.1.1.6 to Release 11.1.1.7

Impacted Releases: 11.1.1.7

Platforms: All

After upgrading from Release 11.1.1.6 to Release 11.1.1.7, the MapViewer component is in an invalid state which causes a ERROR 500 when the MapViewer URL is accessed. (Note that this is not an issue for Release 11.1.1.7 installations that have not been upgraded from Release 11.1.1.6.)

The symptoms of this issue are:

- Accessing the MapViewer URL (<http://hostname:port/mapviewer>), returns an Error 500 Internal Server Error.
- In the managed server log (`MW_HOME/user_projects/domains/bifoundation_domain/servers/bi_server1/logs/bi_server1-diagnostic.log`), the following error is recorded at start up:

```
[ERROR] [] [javax.enterprise.resource.webcontainer.jsf.application] [tid:
[STANDBY].ExecuteThread: '1' for queue: 'weblogic.kernel.Default
(self-tuning)'] [userId: <anonymous>] [ecid:
0000jvu4d^5FKAW5Hzt1if1He7T^000002,0] [APP: mapviewer#11.1.1] JSF1030:
The specified InjectionProvider implementation
'com.bea.faces.WeblogicInjectionProvider' cannot be loaded.
```

The workaround is to manually remove a number of files from the MapViewer deployment and to delete the WebLogic internal cache of the MapViewer application. To do so:

1. Stop the Managed Server (for example, `bi_server1`).
2. If Release 11.1.1.7.1 patches:
 - Will be applied, skip this step.
 - Will not be applied, delete the following files from the MapViewer deployment (for example, `MW_HOME/Oracle_BI1/bifoundation/jee/mapviewer.ear`)
 - `web.war/WEB-INF/lib/adf-faces-api.jar`
 - `web.war/WEB-INF/lib/adf-faces-impl.jar`
 - `web.war/WEB-INF/lib/commons-digester.jar`
 - `web.war/WEB-INF/lib/commons-logging-1.1.jar`
 - `web.war/WEB-INF/lib/jsf-api.jar`
 - `web.war/WEB-INF/lib/jsf-impl.jar`
 - `web.war/WEB-INF/lib/jsr173_1.0_api.jar`
 - `web.war/WEB-INF/lib/mvutil.jar`
 - `web.war/WEB-INF/lib/xdb.jar`
 - `web.war/WEB-INF/adf-faces-config.xml`
 - `web.war/WEB-INF/orion-web.xml`
3. Recursively delete the following directory:
 - `MW_HOME/user_projects/domains/bifoundation_domain/servers/bi_server1/tmp/_WL_user/mapviewer_11.1.1`
4. Restart the Managed Server.

1.6.1.5 Setting the `DISABLE_FLOOR_IN_DIVISION` Variable to Restore Division Expressions to the Previous 10g Behavior

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

After you upgrade from Release 10g to Release 11g, you might find that integer division that returned decimal data in 10g returns an integer in 11g. You can maintain the same result as 10g by creating a session variable called `DISABLE_FLOOR_IN_DIVISION` with a value of 1.

1.6.1.6 After Upgrading to Oracle BI EE 11.1.1.9.0, Mobile App Designer Not Updated

Impacted Releases: 11.1.1.9

Platforms: All

If after upgrading to Oracle BI Enterprise Edition 11.1.1.9.0 your Oracle BI Mobile App Designer application version is not updated, you may need to manually refresh the application from the Oracle WebLogic Server console.

To manually refresh BI Mobile App Designer:

1. Open your Oracle WebLogic Server Administration Console.
2. In the **Change Center** of the Administration Console, click **Lock & Edit**.
3. In the left pane of the Console, select **Deployments**. A table in the right pane displays all deployed Enterprise Applications and Application Modules.
4. In the table, select `bimad`.
5. Click **Update**.
6. Click **Finish** (do not change the source path).
7. In the **Change Center** of the Administration Console, click **Activate Changes**.

1.6.1.7 After Upgrading From 10g to 11g, Administrators Cannot Access Administration Privileges

Impacted Releases: 11.1.1.7

Platforms: All

When upgrading the Presentation Services catalog from 10g to 11g the upgrade does not make any changes to catalog groups. It is common in a 10g catalog for administrative privileges to be assigned to a catalog group called 'Presentation Server Administrators'. However, the upgrade will not automatically grant this catalog group to any users. You may therefore find that your administrators do not initially have access to the Presentation Services administrative functionality. In order to address this, you should either make a change in your 10g catalog prior to upgrade so that the Presentation Services administrative privileges are assigned to one or more specific users, or post-upgrade you should add or modify an Initialization Block in your metadata repository that assigns the appropriate web groups to your administrative users through the `WEBGROUPS` session variable. Please refer to "Using Variables in the Oracle BI Repository" in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition*, for details on setting the `WEBGROUPS` variable.

1.6.1.8 Step Enabling Oracle Business Intelligence JBIPS Configuration Template Features for the Smartview Client Is Not Required When Upgrading From 11.1.1.7 to 11.1.1.9

Impacted Releases: 11.1.1.9

Platforms: All

In the Oracle Fusion Middleware Upgrade Guide for Oracle Business Intelligence in Table 1-17 'Summary of Steps to Apply the Oracle BI 11.1.1.9 Patch Set' the Description field of Step 13 needs to clarify that this step is not applicable if you are upgrading from 11.1.1.7 to 11.1.1.9.

1.6.2 Security-related Upgrade Issues and Workarounds

This section describes issues and workarounds related to security when upgrading Oracle Business Intelligence from previous releases.

- [Section 1.6.2.1, "Warnings Might Be Reported When Upgrading an RPD with Non-English User or Group Names"](#)
- [Section 1.6.2.2, "Users or Groups With Names Containing Invalid Characters Are Not Upgraded"](#)
- [Section 1.6.2.3, "RPD Upgrade Process Fails If the 10g Administrator UserID or Password Contains any Non-Native Characters"](#)
- [Section 1.6.2.4, "Errors Might Be Reported In Upgraded Analyses that Contain EVALUATE_ Database Analytic Function"](#)
- [Section 1.6.2.5, "Configuration Assistant for Update BI Domain Steps Incorrectly Reports an OCM Configuration Error at 91% Complete when Moving from Earlier 11g Releases"](#)
- [Section 1.6.2.6, "SSL Configured in Oracle BI EE 11.1.1.5.x or 11.1.1.6.x Fails After Upgrading to 11.1.1.7"](#)

1.6.2.1 Warnings Might Be Reported When Upgrading an RPD with Non-English User or Group Names

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7

Platforms: All

When upgrading a repository with non-English user or group names, warnings might be reported in the log file, such as "Group name ??? isn't valid in WLS/LDAP : not migrating this group" or "User name ??? isn't valid in WLS/LDAP : not migrating this user" (where ??? is garbled text).

The workaround is to manually create the users or groups. To do so, see the following instructions in *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition*:

- For a group:
 - Create the group as described in Section 2.3.4, "Creating a Group in the Embedded WebLogic LDAP Server."
 - Create an Application Role as described in Section 2.4.2, "Creating Application Roles Using Fusion Middleware Control."
 - Add the group to the application role as described in Section 2.4.2.2, "Creating an Application Role."

If the repository group was a member of another repository group, then create the same Group and Application Role hierarchy.

- For a user:
 - Create the user as described in Section 2.3.3, "Creating a New User in the Embedded WebLogic LDAP Server."
 - Assign the user to the required groups as described in Section 2.3.5, "Assigning a User to a Group in the Embedded WebLogic LDAP Server."

1.6.2.2 Users or Groups With Names Containing Invalid Characters Are Not Upgraded

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7

Platforms: All

When upgrading a repository, users or groups with names that contain the following invalid characters are not upgraded:

- /
- +
- =
- "
- \
- <
- >
- ;

The workaround is to manually create the users or groups after upgrade is complete, with new names that do not contain the invalid characters. Note that the new names must not contain invalid characters under any circumstances. Failure to follow this instruction requires you to re-install Oracle Business Intelligence.

1.6.2.3 RPD Upgrade Process Fails If the 10g Administrator UserID or Password Contains any Non-Native Characters

Impacted Release: 11.1.1.5

Platforms: All

The repository upgrade process from Oracle Business Intelligence 10g to Oracle Business Intelligence 11g fails if the 10g Administrator user ID or password contains any non-native characters, and the operating system is Windows or Non-UTF8 Linux. For example, "Administrator/bi10g-éíô" fails to upgrade. The upgrade utility might run to completion, but with error messages, and users cannot log on if you try to run the system using the upgraded repository. You must change the Administrator user ID, password, or both the user ID and password to one that uses only native characters before running the repository upgrade command line utility or Upgrade Assistant wizard.

1.6.2.4 Errors Might Be Reported In Upgraded Analyses that Contain EVALUATE_ Database Analytic Function

Impacted Release: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

To ensure system security, the ability to use the following database analytic functions in analyses is disabled by default:

- EVALUATE
- EVALUATE_ANALYTIC
- EVALUATE_AGGR
- EVALUATE_PREDICATE

Use of these functions in analyses is governed by the setting of the EVALUATE_SUPPORT_LEVEL parameter in the NQSSConfig.INI file.

When upgrading systems that previously provided support for these functions in Oracle BI Answers, you must manually add the EVALUATE_SUPPORT_LEVEL parameter to the NQSSConfig.INI file and set it appropriately. See *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* for information about the EVALUATE_SUPPORT_LEVEL parameter.

Note the following:

- The EVALUATE_SUPPORT_LEVEL parameter in the NQSSConfig.INI file controls the use of the EVALUATE family of database functions within analyses. Oracle recommends leaving EVALUATE_SUPPORT_LEVEL set to its default value of 0 to prevent the use of these functions within analyses. Setting EVALUATE_SUPPORT_LEVEL to a value of 1 or 2 enables users to insert arbitrary SQL expressions into an analysis using the Analysis editor, which potentially compromises data access security. See *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* for information about the EVALUATE_SUPPORT_LEVEL parameter.
- The EVALUATE_SUPPORT_LEVEL parameter in the NQSSConfig.INI file does not control use of the EVALUATE family of database functions within the metadata repository.

1.6.2.5 Configuration Assistant for Update BI Domain Steps Incorrectly Reports an OCM Configuration Error at 91% Complete when Moving from Earlier 11g Releases

Impacted Release: 11.1.1.7

Platforms: All

When you run the Configuration Assistant and select the Update BI Domain option to move from an earlier 11g release to Release 11.1.1.7, an error might be reported during OCM configuration. The reported error occurs during the Configuring OCM step, when the Configuration Assistant shows 91% complete. However, the error is reported unnecessarily, because OCM is already correctly configured. You can therefore ignore the error message.

1.6.2.6 SSL Configured in Oracle BI EE 11.1.1.5.x or 11.1.1.6.x Fails After Upgrading to 11.1.1.7

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

When SSL is configured in Oracle BI EE 11.1.1.5.x or 11.1.1.6.x, and you upgrade to Oracle BI EE 11.1.1.7 using a software only install and the Configuration Assistant, upgrade fails.

To ensure that SSL configured in Oracle BI EE 11.1.1.5.x or 11.1.1.6.x does not fail after upgrading to 11.1.1.7:

Note: Before performing these steps, Oracle BI EE 11.1.1.5.x or 11.1.1.6.x must be working in SSL mode, with the non SSL ports disabled.

1. Log in to the WebLogic Server Administration Console and enable the non-SSL listening ports for the Administration Server and Managed Server.
For more information, see Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition.
2. Restart WebLogic Server, and make sure that the WebLogic Server Administration Console, Fusion Middleware Control, and Oracle Business Intelligence all work on non-SSL listening ports.
For more information, see "Starting and Stopping Oracle Business Intelligence" in Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition.
3. Run the Oracle Business Intelligence 11.1.1.7 installer and perform for example, a software only install in the 11.1.1.5.x Oracle home.
For more information, see Oracle Fusion Middleware Installation Guide for Oracle Business Intelligence.
4. Run the Configuration Assistant to update the BI Domain on the same installation.
The BI Domain must be updated successfully.
For more information, see "Running the Configuration Assistant to Update the Domain" in Oracle Fusion Middleware Upgrade Guide for Oracle Business Intelligence.
5. Log in to the WebLogic Server Administration Console and disable the non-SSL ports for the Administration Server and Managed Server.
For more information, see "Configuring Oracle WebLogic Server to Use Only the HTTPs Protocol by Disabling Non-SSL Listen Ports" in Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition.
6. Restart WebLogic Server, and make sure that the WebLogic Server Administration Console, Fusion Middleware Control, and Oracle Business Intelligence all work only on SSL ports.

1.7 Oracle Business Intelligence Installation Guidelines for 64-Bit Platforms

- [Section 1.7.1, "Prerequisites for Software Only Installation on 64-Bit Platforms"](#)
- [Section 1.7.2, "Supported Installation Types for Oracle Business Intelligence on 64-Bit Platforms"](#)
- [Section 1.7.3, "Considerations and Limitations of Enterprise Install Type for Scaling Out Existing Installations"](#)

1.7.1 Prerequisites for Software Only Installation on 64-Bit Platforms

Impacted Releases: 11.1.1.3

Platforms: Microsoft Windows (64-Bit)

Prior to performing an Oracle Business Intelligence software only installation, you must install the latest Oracle WebLogic Server `wls1033_generic.jar` in `MW_Home` with 64-bit JDK. Then install Oracle Business Intelligence in the same `MW_Home`.

1.7.2 Supported Installation Types for Oracle Business Intelligence on 64-Bit Platforms

Platforms: Microsoft Windows (64-Bit)

Different types of installation options available for Oracle Business Intelligence are as follows:

- Simple Install

Impacted Releases: 11.1.1.3

This installs 32-bit JVM and 32-bit Oracle WebLogic Server. Oracle Business Intelligence Server is a 64-bit system on 64-bit platforms. Simple Install is supported on the following 64-bit Platforms only:

- Linux x86-64
- Windows x86-64

However, for production the recommended installation type is software only install with 64-bit Oracle WebLogic Server and 64-bit JDK.

- Software Only Install

This installs software binary files in an Oracle home for later configuration as part of the Oracle Fusion Middleware deployment process. This installation type is required if you want to install Oracle Business Intelligence with a 64-bit JVM on a supported 64-bit operating system.

Recommended installation steps for 64-bit platforms are as follows:

- Install 64-bit Oracle WebLogic Server with 64-bit JDK.
- Choose Oracle Business Intelligence **Software Only Install** option.
- Once software only install process is complete, select **Configure**.

- Enterprise Install

Since 11.1.1.6.0 release, Enterprise Install for Oracle Business Intelligence is supported on 64-bit systems. For details, refer to Section 4.5.2, "Enterprise Install for New Installations" in *Oracle Fusion Middleware Installation Guide for Oracle Business Intelligence*.

1.7.3 Considerations and Limitations of Enterprise Install Type for Scaling Out Existing Installations

Platforms: Microsoft Windows (64-Bit)

To scale out an existing installation with a 64-bit JVM on a supported 64-bit operating system, do not select the **Enterprise Install** type option. Select the **Software Only Install** type instead.

For details, refer to Section 4.4.4, "Software Only Install" in *Oracle Fusion Middleware Installation Guide for Oracle Business Intelligence*.

1.8 Oracle Business Intelligence Analyses and Dashboards Issues and Workarounds

This section describes issues and workarounds related to Oracle Business Intelligence analyses and dashboards.

- [Section 1.8.1, "General Analyses and Dashboards Issues and Workarounds"](#)
- [Section 1.8.2, "Actions Issues and Workarounds"](#)
- [Section 1.8.3, "Scorecards and KPI Issues and Workarounds"](#)
- [Section 1.8.4, "Agents Issues and Workarounds"](#)
- [Section 1.8.5, "Microsoft Office Integration Issues and Workarounds"](#)

1.8.1 General Analyses and Dashboards Issues and Workarounds

This section describes general issues and workarounds related to Oracle Business Intelligence analyses and dashboards.

- [Section 1.8.1.1, "Existing Dashboard Prompts Based on Columns Renamed in the Business Model Do Not Work"](#)
- [Section 1.8.1.2, "Gauge Views Might Be Cut Off and Not Visible Under Certain Conditions"](#)
- [Section 1.8.1.3, "Numerical Units on a Dashboard Prompt Slider Might Not Be Translated Correctly"](#)
- [Section 1.8.1.4, "After Printing a Dashboard Page Using the Safari Browser on Windows, the Page No Longer Responds to Certain Left Clicks"](#)
- [Section 1.8.1.5, "Scorecard Diagrams on Dashboard Pages Might Print as Tables"](#)
- [Section 1.8.1.6, "Using Maps with Column Selectors"](#)
- [Section 1.8.1.7, "Issue with Wrap-Around Feature for Maps"](#)
- [Section 1.8.1.8, "Inability to Delete Map Tiles in MapViewer"](#)
- [Section 1.8.1.9, "Support for Rendering Small Form-Factor Graphs"](#)
- [Section 1.8.1.10, "Analyses Whose Paths Contain Latin Supplement Characters Fail to Open on Dashboard Pages"](#)
- [Section 1.8.1.11, "In Selection Steps Search for Members in Hierarchical Columns That Are Non-Text Yields No Results"](#)
- [Section 1.8.1.12, "Interactions on Right-Click Menus Are Not Translated"](#)
- [Section 1.8.1.13, "Issues with the Alignment of Trellis Views"](#)
- [Section 1.8.1.14, "Axis Label Truncation in Trellis Views"](#)
- [Section 1.8.1.15, "Characters in Trellis Title Display Incorrectly in Certain Languages"](#)
- [Section 1.8.1.16, "Export to Excel 2007+ and Export to PDF Do Not Support Custom CSS Styles"](#)
- [Section 1.8.1.17, "Truncated Microsoft Office Excel 2007+ Download for Table, Pivot Table, and Trellis Views"](#)
- [Section 1.8.1.18, "Items Not Supported When Using Custom Print Layouts"](#)

- [Section 1.8.1.19, "Grand Total Shows Zero in Reports After Applying BI 11.1.1.7.1 Patch"](#)
- [Section 1.8.1.20, "Viewing Updated Results After Write Back"](#)
- [Section 1.8.1.21, "Export Options Do Not Behave As Documented"](#)
- [Section 1.8.1.22, "Use of Custom Images in Analyses and Dashboards is a New Feature, But Is Not Documented"](#)
- [Section 1.8.1.23, "Changing the Temporary Directory Location Used During Oracle Business Intelligence Downloads"](#)
- [Section 1.8.1.24, "UNC Path Not Supported When Extending an Oracle BI System on a Windows Shared Drive"](#)
- [Section 1.8.1.25, "PersistPageProperties Parameter is Superseded by Advanced Page Properties Dialog"](#)
- [Section 1.8.1.26, "Presentation Services Privileges Need Descriptions"](#)
- [Section 1.8.1.27, "Changes in Legend View for Stacked Bar Charts"](#)

1.8.1.1 Existing Dashboard Prompts Based on Columns Renamed in the Business Model Do Not Work

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

If a column is renamed in the Business Model, then existing dashboard prompts based on that column do not work with newly created analyses.

The workaround is to use Catalog Manager to rename the column in the catalog.

This behavior is described in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition (E10544-04)*.

1.8.1.2 Gauge Views Might Be Cut Off and Not Visible Under Certain Conditions

Impacted Releases: 11.1.1.5

Platforms: All

Under certain conditions, if the size of the canvas assigned to a gauge view is very small, and the legend is set to display on the left, then some of the gauges in the gauge view might be cut off and not visible.

The workaround is to edit the gauge view and change the Legend position to **Right**, **Top**, or **Bottom**. Alternatively, you can increase the size of the gauge view canvas so that all gauges display.

1.8.1.3 Numerical Units on a Dashboard Prompt Slider Might Not Be Translated Correctly

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

The numerical units (such as million or billion) that are displayed on a dashboard prompt slider might not be translated correctly.

The workaround is to modify the obiprp.promptcomponents.xml file as follows:

1. Open the obiprp.promptcomponents.xml file for editing. You can find the file here:

ORACLE_INSTANCE\bifoundation\web\msgdb\l_XX\messages\uicmsgs

2. Ensure that each entry for a numerical unit (such as tag name kmsgSliderBillion, kmsgSliderMillion, or kmsgSliderDecillion) is translated correctly.
3. Restart the Managed Servers, the Administration Server and all Oracle Business Intelligence Java components, and the Oracle Business Intelligence system components. For information on how to restart the Managed Servers, the Administration Server and all Oracle Business Intelligence Java components, and the Oracle Business Intelligence system components, see *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition*.

1.8.1.4 After Printing a Dashboard Page Using the Safari Browser on Windows, the Page No Longer Responds to Certain Left Clicks

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

After you print a dashboard page in PDF or HTML format using the Safari browser on Windows, the dashboard page no longer responds to certain left clicks, for example, a left click to print again or to change tabs.

The workaround is to exit and reopen the dashboard page. Alternatively, press and hold down the Ctrl key and then left-click.

1.8.1.5 Scorecard Diagrams on Dashboard Pages Might Print as Tables

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When you print a dashboard page that contains multiple scorecard diagrams (for example a strategy tree, strategy map, custom view, and cause & effect map) in PDF or HTML format, some of the diagrams might print as tables rather than diagrams.

The workaround is to scroll down the page and wait until all the diagrams have fully rendered before printing.

1.8.1.6 Using Maps with Column Selectors

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

If you want to use a column selector view with map views, then ensure that you add all map views to the analysis before you add the column selector view.

1.8.1.7 Issue with Wrap-Around Feature for Maps

Impacted Releases: 11.1.1.6.2

Platforms: All

Release 11.1.1.6.2, Bundle Patch 1 includes the wrap-around feature in map views. This feature allows you to pan the map to a point where lines on the map are unbroken, such as when showing an airline flight path from San Francisco to Tokyo. If you use this feature, then you might notice that the portion of the map that has been wrapped might not render correctly when printing or exporting the view. This issue has no workaround.

1.8.1.8 Inability to Delete Map Tiles in MapViewer

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

You might see an error message when trying to delete a tile layer from the Manage Map Tiles page of Oracle MapViewer. To work around this issue, either directly delete the tile layer from the database, or delete it using the Map Builder tool.

This bug affects all versions of Oracle BI EE that use MapViewer version "Ver11_1_1_7_B120531". You can see the version of MapViewer that the Oracle BI EE installation is using by opening the MapViewer page in a browser and clicking the Home tab. Find the version number at the bottom-left corner of the page.

1.8.1.9 Support for Rendering Small Form-Factor Graphs

Impacted Releases: 11.1.1.5

Platforms: All

This release includes support for rendering small form-factor graphs, for example, graphs that are 75 pixels X 25 pixels or 68 pixels X 18 pixels. Small form-factor graphs are also referred to as micrographs.

To render a small form-factor graph:

1. Edit the analysis.
2. Edit the graph.
3. Click the **Edit graph properties** toolbar button to display the Graph Properties dialog.
4. In the General tab, make the following settings:
 - In the **Legend Location** box, select **None**.
 - Deselect the **Animate graph on Display** box.
5. Click the Style tab and make the following settings:
 - In the **Style** box in the Graph Data area, select **Default**.
 - In the Plot area, select the **Specify** option for Gridlines.
 - For Major Grid, deselect the **Horizontal Lines** and **Vertical Lines** boxes.
 - For Minor Grid, deselect the **Horizontal Lines** box.
 - In the Legend area, deselect the **Transparent** box.
 - In the Canvas Colors and Borders area, deselect the **Gradient** box.
6. Click the Titles and Labels tab and make the following settings:
 - In the Graph Title area, deselect the **Use measure name as graph title** box.
 - In the Axis titles area, deselect the following boxes:
 - **Use measure name as axis title** for Vertical Axis 1 Title
 - **Use measure name as axis title** for Vertical Axis 2 Title
 - **Use column name as axis title** for Horizontal Axis Title
7. Click **OK** to close the Graph Properties dialog.
8. Click **Done** to close the Graph editor.

9. Click the Analysis editor: Advanced tab.
10. Save a copy of the existing XML in the XML Code box as a backup.
11. In the XML Code box in the Analysis XML area, add the following attribute to the display element for the graph that you want to render as a small form-factor graph:

```
useAutoLayout="false"
```

For example:

```
<saw:display type="line" subtype="default" renderFormat="flash" mode="online"
xAxisLiveScrolling="false" yAxisLiveScrolling="false"
clientEventEnabled="false" animateOnDisplay="false" useAutoLayout="false">
```

Important: Do *not* use this setting for a graph that is a reasonable size, such as, a graph that is 400 pixels X 300 pixels. Doing so might result in undesirable graph behavior or loss of information.

12. Click **Apply XML**.
13. Click **Save Analysis**.

1.8.1.10 Analyses Whose Paths Contain Latin Supplement Characters Fail to Open on Dashboard Pages

Impacted Releases: 11.1.1.5, 11.1.1.6

Platforms: All

Analyses whose paths contain Latin Supplement characters fail to open on dashboard pages when the locale is Chinese, Japanese, Korean, Hebrew, or Arabic and you are using Internet Explorer 7 as the Web browser.

The workaround is to append `&charset=utf-8` to the URL.

1.8.1.11 In Selection Steps Search for Members in Hierarchical Columns That Are Non-Text Yields No Results

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When working with selection steps, if you search for members in hierarchical columns that are non-text (for example, date or time), then the search yields no results.

This issue has no workaround.

1.8.1.12 Interactions on Right-Click Menus Are Not Translated

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2

Platforms: All

The interactions on right-click menus for table views and pivot table views are not translated.

1.8.1.13 Issues with the Alignment of Trellis Views

Impacted Releases: 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

If you notice any issues with the alignment of trellis views, then you can manually edit a configuration file to adjust the alignment.

Locate the `xdo.cfg` file in the following directory:

```
config/OracleBIJavaHostComponent/coreapplication_objh1
```

and increase the value of the `fo-chunk-size` setting.

1.8.1.14 Axis Label Truncation in Trellis Views

Impacted Releases: 11.1.1.9

Platforms: All

If you see that an axis label is truncated, you can work around the issue by increasing the graph size, increasing the font size of the labels, or using a combination of these two. You may need to try different combinations depending on your particular scenario.

1.8.1.15 Characters in Trellis Title Display Incorrectly in Certain Languages

Impacted Releases: 11.1.1.7

Platforms: All

In certain instances, characters in the horizontal or vertical axis title of a trellis are displayed as square boxes. This situation can occur when the Oracle BI Server runs on a Windows platform and when the language is Simplified Chinese, Traditional Chinese, Japanese, Korean.

This issue has no workaround.

1.8.1.16 Export to Excel 2007+ and Export to PDF Do Not Support Custom CSS Styles

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

Export to Excel 2007+ and export to PDF do not support custom CSS styles. When you export an analysis for which a custom CSS style or custom CSS class has been specified to Excel 2007+ or to PDF, the customization is lost. (You specify a custom CSS style or custom CSS class for an analysis using the **Custom CSS Style Options (HTML Only)** component in the Column Properties dialog: Style tab.)

This behavior is described in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition* (E10544-08).

1.8.1.17 Truncated Microsoft Office Excel 2007+ Download for Table, Pivot Table, and Trellis Views

Impacted Releases: 11.1.1.9

Platforms: All

When a moderate-to-large request with a dense cell population is downloaded using Microsoft Office Excel 2007+, there is a potential to exceed the default maximum cells for Table, Pivot Table, and simple and advanced Trellis views. If this occurs, you will see a Microsoft Office Excel message similar to the following when opening the downloaded spreadsheet:

Excel found unreadable content in '20520402.xlsx'. Do you want to recover the contents of this Workbook? If you trust the source of this workbook, click Yes.

You can open the spreadsheet by clicking Yes. You will then see a Repairs dialog box with text similar to 'xl/worksheets/sheet1.xml part'. Rows will be populated up to the point where the value specified for MaxCells is reached, with blank rows thereafter, where MaxCells is the value from one of these Oracle BI Presentation Services instanceconfig.xml tags:

```
<WebConfig><ServerInstance><Views><Table><MaxCells>  
<WebConfig><ServerInstance><Views><Pivot><MaxCells>  
<WebConfig><ServerInstance><Views><Trellis><Simple><MaxCells>  
<WebConfig><ServerInstance><Views><Rrellis><Advanced><MaxCells>
```

To resolve the issue, adjust the appropriate instanceconfig.xml tag MaxCells value until a successful Excel 2007+ download is accomplished.

1.8.1.18 Items Not Supported When Using Custom Print Layouts

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

The following items are not supported in BI Publisher when using a custom print layout to print a dashboard page (as described in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition (E10544-06)*):

- Column Selector views.
- Create Segment views.
- Create Target List views.
- Funnel graph views.
- Legend views.
- Logical SQL views.
- Map views.
- Narrative views.
- Performance Tile views.
- Ticker views.
- Trellis views, including microcharts.
- View Selector views.
- These types of gauge views:
 - Bulb.
 - Vertical Bar.
 - Horizontal Bar.
- These types of graph views:
 - Pie graphs with multiple measures; instead a separate pie is displayed for each measure.
 - Time Series Line graphs.
 - Scatter graphs.

- Waterfall graphs.
- These graph settings in the Graph Properties dialog:
 - In the General tab: **Zoom and Scroll**.
 - In the Style tab: conditional formatting settings.
 - In the Scale tab: all settings.
 - In the Titles and Labels tab, the following formatting settings:
 - * **Truncate** in the Font Format: *Item* dialog: Display Options tab for the graph title and axis titles.
 - * **Treat Numbers As, Negative Format,** and **Use 1000's Separator** in the Format: *Item* dialog: Number Format tab for vertical axis labels and data markers and **Decimal Places** in the Format *Item* dialog: Number Format tab for vertical axis labels.
 - * **Label Orientation** in the Format: *Item* dialog: Display Options tab for vertical axis labels and horizontal axis labels and **Abbreviate** in the Format: *Item* dialog: Display Options tab for vertical axis labels.
- Hierarchical columns.
- Dashboard column formatting.
- Dashboard prompts.
- Pivot table or table prompts.
- Prompt edge on a view.
- Dashboard columns that have been frozen.

You use the Freeze Column option in the Column Properties menu to freeze a column at an edge (top or left) of a dashboard layout. For more information, see "Properties Buttons for Objects" in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition*.

- A fixed size specified for a dashboard column or section.

You specify a fixed size by setting the **Size** option in the Additional Formatting Options area of the Section Properties dialog and the Column Properties dialog. For more information, see "Section Properties dialog" in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition*.

- Fixed headers of rows and columns in a table or pivot table.

You specify fixed headers by selecting **Fixed headers with scrolling content** as the method to use to browse data. For more information, see "Table Properties dialog: Style tab," "Pivot Table Properties dialog," and "Trellis Properties dialog: General tab" in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition*.

- The grouping functionality for bubble graphs (achieved by the Bubbles drop target), scatter graphs (achieved by the Points drop target), and pie graphs (achieved by the Pies drop target).

You also need to be aware of the following expected object behavior in BI Publisher: pivot tables are expanded.

1.8.1.19 Grand Total Shows Zero in Reports After Applying BI 11.1.1.7.1 Patch

Impacted Releases: 11.1.1.7.1 and 11.1.1.7.10

Platforms: All

After applying the BI 11.1.1.7.1 Patch, some reports display grand totals that are calculated as zeros when values are expected. This is due to the fact that prior to applying the BI 11.1.1.7.1 Patch, the order of operations enforced by parentheses in an expression like `100*(FILTER("Bug DB"."Facts"."# Bugs" USING (("Bug DB"."Bug Header"."Test Status"='A')))/"Bug DB"."Facts"."# Bugs")` was not performed correctly.

Workaround

1. In Oracle BI EE Answers, open the report that contains the invalid grand totals, and edit the SQL Statement.
2. Search for the expression.

For example:

```
100*(FILTER("Bug DB"."Facts"."# Bugs"USING (("Bug DB"."Bug Header"."Test Status"='A')))/"Bug DB"."Facts"."# Bugs")
```

3. Remove the first opening parenthesis '(' and the final closing parenthesis ')'.
For example, after removing the parentheses, the example query statement in step 2 would be:

```
100*FILTER("Bug DB"."Facts"."# Bugs"USING (("Bug DB"."Bug Header"."Test Status"='A')))/"Bug DB"."Facts"."# Bugs"
```

4. Save the changes.

1.8.1.20 Viewing Updated Results After Write Back

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

If a logged-on user is already viewing a dashboard that contains an analysis where data has been modified using write back, the data is not automatically refreshed in the dashboard. To see the updated data, the user must manually refresh the dashboard.

1.8.1.21 Export Options Do Not Behave As Documented

Impacted Releases: 11.1.1.9

Platforms: All

Export functionality is being enhanced and might operate in a different way to that described in Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition and in the online help.

Check these release notes periodically for additional information and updates.

1.8.1.22 Use of Custom Images in Analyses and Dashboards is a New Feature, But Is Not Documented

Impacted Releases:11.1.1.9

Platforms: All

As of Release 11.1.1.9, you can upload and use your own custom images in analyses and dashboards. This feature is not yet documented in Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition, nor in the online help.

For information and instructions, see Technical Note 1941315.1 *Uploading Custom Images* on My Oracle Support. Make this Technical Note available to all users who might want to use the new functionality.

1.8.1.23 Changing the Temporary Directory Location Used During Oracle Business Intelligence Downloads

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

By default, all Java components in Oracle Business Intelligence generate tmp files in `root/tmp` and in the default `ORACLE_INSTANCE/tmp` locations. When multiple users perform downloads to Microsoft Excel, Microsoft Powerpoint, or PDF at the same time, it is possible to run out of temporary disk space in the `root/tmp` location.

To work around this issue, change the `-Djava.io.tmpdir` location for the WebLogic Server and the Javahost to either the Oracle instance tmp location (`ORACLE_INSTANCE/tmp`) or to a faster storage location such as SSD, and allocate 200 to 300 GB of disk space.

These are the locations to update:

- For WebLogic Server (the `bi_server1` managed server), the `JAVA_PROPERTIES` section in the `fmwhome/user_projects/domains/bifoundation_domain/bin/setDomainEnv.sh` file.
- For the Javahost, the section `OracleBIJavaHostComponent` in the `fmwhome/instances/instance1/config/OPMN/opmn/opmn.xml` file.

This is the addition to make:

```
-Djava.io.tmpdir=<ORACLE_INSTANCE/tmp> or <Fast_storage_location_with_sufficient_disk_space>
```

Specifically for `OBIJavaHost`, adding this change to the `opmn.xml` file will only re-direct certain javahost temp file creation from the operating-system-defined tmp directory. As part of normal processing, tmp files will always be written to the `instances/instance1/tmp/OracleBIJavaHostComponent/coreapplication_obijh1` directory. This means that if the defined location for `-Djava.io.tmpdir` differs from the default location `ORACLE_INSTANCE/tmp`, then javahost will produce tmp files in both the configured `-Djava.io.tmpdir` location and in `ORACLE_INSTANCE/tmp`.

1.8.1.24 UNC Path Not Supported When Extending an Oracle BI System on a Windows Shared Drive

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: Microsoft Windows (64-bit)

The *Oracle Fusion Middleware Enterprise Deployment Guide for Oracle Business Intelligence*, in section 4.4.1 *Ensuring That Shared Network Files Are Accessible in Windows Environments* in Chapter 4 *Preparing the File System for an Enterprise Deployment*, states that in Windows environments, shared storage is typically specified using Universal Naming Convention (UNC).

However, the Oracle BI EE Configuration Assistant will fail if you attempt to extend the Oracle BI system on a shared drive that was set up using UNC. For more information, including workarounds, see technical note 1989467.1 *Extending the OBIEE 11g Domain on a Windows Cluster Using the UNC Network Format Fails at "Deploying Base Setup for Enterprise Install"* on My Oracle Support.

1.8.1.25 PersistPageProperties Parameter is Superceded by Advanced Page Properties Dialog

Impacted Releases: 11.1.1.9

Platforms: All.

The PersistPageState parameter described in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* has been deprecated. Although the PersistPageState parameter functionality still works, Oracle recommends instead that you use the new Advanced Page Properties dialog in Oracle BI Enterprise Edition Interactive Dashboards.

You can set advanced page properties to specify incoming navigation parameters you want to set on the current dashboard page. This enables you to control how parameters associated with the navigation actions are applied. For example, if a navigation link includes a prompt value, then you can choose the context of the incoming navigation link to be applied to all pages associated with a dashboard or limit the scope of the context of incoming navigation link to the landing page.

To set advanced page properties:

1. Edit the dashboard.
2. Navigate to the page for which you want to set scope of the incoming navigation parameters.
3. Click **Tools** and then select **Advanced Page Properties**.
The Advanced Page Properties dialog is displayed.
4. Determine the navigation type you use to access the dashboard or dashboard page. The options are:
 - Prompted URL
 - Go URL
 - Navigate to BI Content
5. Perform one of the following actions:
 - a. To set the incoming navigation parameters and context so that when you access this dashboard page the scope of the passed parameters and context is restricted to the landing page, select **Page**.
 - b. To set the incoming navigation parameters for the dashboard, select **Dashboard**.
6. Repeat for all navigation types associated with the dashboard.
7. Click **OK**.

1.8.1.26 Presentation Services Privileges Need Descriptions

Impacted Releases: 11.1.1.9

Platforms: All.

The privileges listed in [Table 1-2](#) are displayed in the Presentation Services, Manage Privileges page. Descriptions of these privileges need to be included in table D-1 'Privileges and Default Settings for the Oracle Business Intelligence Infrastructure' in Appendix D 'Managing Security for Dashboards and Analyses' in *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition*.

Table 1–2 Presentation Services Privileges Descriptions Needed

| Component | Privilege | Description | Default Role Granted |
|-----------------|---|---|--------------------------|
| Home and Header | Access Administration Menu | Reserved for a future release. | NA |
| Home and Header | Access User & Role Admin | Reserved for a future release. | NA |
| Home and Header | Access Modeler | Reserved for a future release. | NA |
| Home and Header | Access Data Loader | Reserved for a future release. | NA |
| View Analyzer | Add/Edit Analyzer View | Reserved for a future release. | NA |
| Answers | Upload Images | This privilege enables you to upload custom images using the UI wherever an image is selected. | BI Content Author |
| Admin: Catalog | Change Log Configuration | This privilege enables you to modify the log levels using the UI. | BI Service Administrator |
| SOAP | Access UserPersonalizationService Service | The Oracle BI User Personalization web service is an application programming interface (API) that implements various APIs to manage user specific favorites and recent items. | BI Service Administrator |

1.8.1.27 Changes in Legend View for Stacked Bar Charts

Impacted Releases: 11.1.1.9

Platforms: All

In Oracle BIEE 11.1.1.6.x, for stacked bar charts the rendering order of the bars does not match the previous 10g behavior. In 10g the bars render from top to bottom, but in 11.1.1.6.x for certain cases, the bars render from bottom to top, with the legend reading from left to right.

In 11.1.1.9.x the bars render from top to bottom, with the legend reading from right to left. This new behavior is only visible when the legend is positioned at the top or the bottom. The legend marker colors continue to match the corresponding bar colors.

1.8.2 Actions Issues and Workarounds

This section describes issues and workarounds related to actions.

- [Section 1.8.2.1, "EJBs in Action Framework Must Be Deployed to the WebLogic Managed Server"](#)
- [Section 1.8.2.2, "UserScripts.js File Must Be Backed Up and Reinstated After Every Patch or Upgrade"](#)

1.8.2.1 EJBs in Action Framework Must Be Deployed to the WebLogic Managed Server

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

A limitation currently exists in the Action Framework functionality when creating actions to invoke Java methods in EJBs. Only EJBs deployed within the same J2EE container as the Action Framework services (by default the WebLogic Managed Server) are available to the Action Framework.

The workaround is to invoke a target EJB. To do so, implement one of the following methods:

- Deploy the target EJB to the WebLogic Managed Server in the BI domain (adhering to any license restrictions for WebLogic Server).
- Deploy a gateway EJB/Web service on the WebLogic Managed Server specifically to invoke the remote EJB.
- Expose the remote EJB as a Web service.
- Deploy a gateway Web service on the remote location to invoke the EJB.

1.8.2.2 UserScripts.js File Must Be Backed Up and Reinstated After Every Patch or Upgrade

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6, 11.1.1.7, 11.1.1.9

Platforms: All

If you are using actions to invoke a browser script, then you must backup the UserScripts.js file and reinstate it after every patch or upgrade. If you do not backup and reinstate the file, then it will be replaced with a default file and you will lose your custom JavaScript functions.

This behavior is described in *Oracle Fusion Middleware Integrator's Guide for Oracle Business Intelligence Enterprise Edition (E16364-08)*.

1.8.3 Scorecards and KPI Issues and Workarounds

This section describes issues and workarounds related to scorecards and KPIs.

- [Section 1.8.3.1, "No Results Returned When Searching in the Related Documents of Scorecards or Scorecard Components"](#)
- [Section 1.8.3.2, "Accessing a Smart Watchlist from the Oracle Secure Enterprise Search Results Page Causes an Error"](#)
- [Section 1.8.3.3, "Item Stale Error When Editing a Shared Scorecard in Parallel"](#)
- [Section 1.8.3.4, "Scorecard Pie Chart and Gauge Labels are Not Readable in Chrome"](#)

1.8.3.1 No Results Returned When Searching in the Related Documents of Scorecards or Scorecard Components

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

You can use the full-text catalog search functionality to search in most catalog objects and related documents. Currently, the full-text catalog search functionality searches in scorecards themselves and in the names of related documents, but it does not search in the content of related documents for scorecards.

1.8.3.2 Accessing a Smart Watchlist from the Oracle Secure Enterprise Search Results Page Causes an Error

Impacted Releases: 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

If Oracle BI Enterprise Edition is configured with Oracle Secure Enterprise Search, and from the search results page you attempt to open a smart watchlist, an error occurs and the following error message displays:

```
doPost.searchServletDisabled :To test the feed servlet using a browser, run
servlet with '-Doracle.ecsf.crawl.mode.debug=true'
```

There is no workaround for this issue.

1.8.3.3 Item Stale Error When Editing a Shared Scorecard in Parallel

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When using a shared Oracle BI Presentation Catalog and a scaled-out configuration of Oracle BI Presentation Services, users might see "Item Stale : <scorecard path>" errors, when they edit a shared scorecard in parallel.

The workaround to prevent this error is to turn off the Oracle BI Presentation Services Catalog Attribute Cache. To do so, set the following in the instanceconfig.xml file:

```
<ps:Cache xmlns:ps="oracle.bi.presentation.services/config/v1.1">
  <ps:CatalogAttributes>
    <ps:Enabled>false</ps:Enabled>
  </ps:CatalogAttributes>
</ps:Cache>
```

For more information on the cache, see *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition*.

1.8.3.4 Scorecard Pie Chart and Gauge Labels are Not Readable in Chrome

Impacted Releases: 11.1.1.6.2 (BP1)

Platforms: All

You might have font issues when using the Google Chrome browser.

The workaround for this issue is to update the Flash player to version 11.5 or higher because there is a known Chrome bug. Refer to <http://code.google.com/p/chromium/issues/detail?id=140415> for additional information.

1.8.4 Agents Issues and Workarounds

This section describes issues and workarounds related to agents.

- [Section 1.8.4.1, "Agent Deliveries Fail with Microsoft Active Directory and Oracle Virtual Directory"](#)
- [Section 1.8.4.2, "Agent Incorrectly Delivers Content to Active Delivery Profile When Only the Home Page and Dashboard Option Is Selected"](#)

1.8.4.1 Agent Deliveries Fail with Microsoft Active Directory and Oracle Virtual Directory

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

If you are using Microsoft Active Directory and Oracle Virtual Directory, then agent deliveries fail.

The workaround is to apply the Oracle Virtual Directory Patch Number 9904956 - GUID Returned for AD User Cannot Be Used in Search Filter.

1.8.4.2 Agent Incorrectly Delivers Content to Active Delivery Profile When Only the Home Page and Dashboard Option Is Selected

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When you specify that an agent is to deliver content only to the Home page and dashboard pages by selecting the **Home Page and Dashboard** option and deselecting the **Devices** option in the Destination tab of the Agent editor, there is a known issue where the agent delivers content to the active delivery profile even though the **Devices** option is deselected.

The workaround is to set the priority of the agent so that it does not match an existing delivery profile.

1.8.5 Microsoft Office Integration Issues and Workarounds

This section describes issues and workarounds related to the integration between Oracle Business Intelligence and Microsoft Office.

- [Section 1.8.5.1, "Using Microsoft Office 2007 with Oracle BI Add-in for Microsoft Office"](#)
- [Section 1.8.5.2, "Server Connections Are Not Automatically Shared by Microsoft Excel and PowerPoint"](#)
- [Section 1.8.5.3, "Previous Installation of Oracle BI Add-in for Microsoft Office Must Be Manually Uninstalled"](#)
- [Section 1.8.5.4, "Install a Language Pack for Non-English Languages"](#)
- [Section 1.8.5.5, "Errors in the Online Help for Oracle BI Add-In for Microsoft Office"](#)
- [Section 1.8.5.6, "Refreshing Table or Pivot Table Views with Double Columns in Page Edge Might Result in Error"](#)
- [Section 1.8.5.7, "Double Column Cascading Results in Incorrect Display Values"](#)
- [Section 1.8.5.8, "Intermittent Timeout Errors"](#)
- [Section 1.8.5.9, "Lack of Support for Vary Color By Target Area"](#)
- [Section 1.8.5.10, "Measure Column Labels Might Display Incorrectly When Inserted into Microsoft Excel"](#)
- [Section 1.8.5.11, "Stacked Graphs Do Not Display Negative Values"](#)
- [Section 1.8.5.12, "Scatter Graphs with Lines Display as Default Scatter Graphs in Excel and PowerPoint"](#)

- Section 1.8.5.13, "Graphs With Section Edges Are Not Supported Starting With Release 11.1.1.6.x"
- Section 1.8.5.14, "Refreshing Table Views in Arabic or German Versions of Excel Result in Incorrect Data Values"
- Section 1.8.5.15, "Inserting a View With a Grand Total Column or Row into Microsoft Office Might Cause Issues"
- Section 1.8.5.16, "Time Displayed in Table or Pivot View Title Might Be Incorrect after Insertion"
- Section 1.8.5.17, "Graphs Might Be Displayed Differently After Insertion into Microsoft Office"
- Section 1.8.5.18, "Legends in Bubble and Scatter Graphs Might Display Differently After Insertion into Microsoft Office"
- Section 1.8.5.19, "Help System Does Not Work When Running Oracle BI Office for PowerPoint in Norwegian or Polish"
- Section 1.8.5.20, "Protected Worksheet Causing Incorrect Message When Inserting View in Oracle BI Add-in for Microsoft Office"
- Section 1.8.5.21, "Column Data in Section Edge Is Not Obtained"

Note: Many of the issues and associated workarounds described in this section on integration between Oracle Business Intelligence and Microsoft Office do not apply or have been addressed when using Smart View to integrate with Microsoft Office. While you can continue to download Oracle Business Intelligence Add-in for Microsoft Office to integrate with Microsoft Office, it is strongly recommended that you download Smart View instead.

1.8.5.1 Using Microsoft Office 2007 with Oracle BI Add-in for Microsoft Office

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

If you use Microsoft Office 2007 with Oracle BI Add-in for Microsoft Office, then ensure that Office 2007 SP1 at minimum is installed. If you do not, you might encounter file interchangeability issues between Microsoft Office 2007 and Microsoft Office 2003.

For more detailed information on versions, see the certification document available on Oracle Technology Network (OTN):

<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

1.8.5.2 Server Connections Are Not Automatically Shared by Microsoft Excel and PowerPoint

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Microsoft Excel and PowerPoint on the same computer share Oracle BI Add-in for Microsoft Office connections. If you create a connection in Excel, then that connection is also available in PowerPoint. However, if you create an Oracle BI Add-in for

Microsoft Office connection in Excel while PowerPoint is open, then the connection is not displayed in PowerPoint, and vice versa.

The workaround to create a connection to be shared between Excel and PowerPoint is to ensure that the other Microsoft Office application is closed. Alternatively, you can close both Excel and PowerPoint, and reopen them as needed in order to see connections available in both Excel and PowerPoint.

1.8.5.3 Previous Installation of Oracle BI Add-in for Microsoft Office Must Be Manually Uninstalled

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

The Oracle BI Add-in for Microsoft Office 11g installer does not uninstall previous versions of Oracle BI Add-in for Microsoft Office. Therefore, you must manually uninstall any previous Oracle BI Add-in for Microsoft Office installations before installing Oracle BI Add-in for Microsoft Office.

For more information on installing Oracle BI Add-in for Microsoft Office, see *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition*.

1.8.5.4 Install a Language Pack for Non-English Languages

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: All

To use the Oracle BI Add-in for Microsoft Office for a non-English language, you must install the appropriate language pack for Microsoft Office and set the regional language settings using the Control Panel. Go to the following URL to download and install the appropriate language pack:

<http://office.microsoft.com/en-us/downloads/office-language-interface-pack-lip-downloads-HA001113350.aspx>

1.8.5.5 Errors in the Online Help for Oracle BI Add-In for Microsoft Office

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

The following errors are in the online help for Oracle BI Add-in for Microsoft Office:

- In the "Creating a Connection to the Oracle BI Office Server" topic, in Step 1, "From the ribbon, select New" is incorrect. The correct instruction for Step 1 is "From the Ribbon, select Preferences. From Preferences, select the New tab." (This applies to Excel and PowerPoint.)
- In the "Changing the Default Style Template" topic, in Step 1, the location given for the default template is valid only for Windows 32-bit installations. In Windows 64-bit installations, the default location is <BI Office installation directory>\BIOfficeExcel\ Template. (This applies to Excel.)
- The "Setting Log Levels" topic should state that users must have proper access permission to the log file location. (This applies to Excel and PowerPoint.)

1.8.5.6 Refreshing Table or Pivot Table Views with Double Columns in Page Edge Might Result in Error

Impacted Releases: 11.1.1.5

Platforms: All

In Oracle BI Add-in for Microsoft Excel, you cannot refresh table views or pivot table views with double columns in the page edge. To work around this issue, ensure that double columns are not in the page edge (also called table prompt in table views and the pivot prompt in pivot table views).

1.8.5.7 Double Column Cascading Results in Incorrect Display Values

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

If double columns are used in cascaded prompts for both columns, then you might see code being displayed instead of the correct display values.

1.8.5.8 Intermittent Timeout Errors

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

If the BI Office Server is configured to connect to Presentation Services through Oracle HTTP Server (OHS), then you might see intermittent error messages that are caused by the timeout of a request. To work around this issue, increase the Keepalive timeout value for OHS to 15 seconds or more.

1.8.5.9 Lack of Support for Vary Color By Target Area

Impacted Releases: 11.1.1.5

Platforms: All

If you use the **Vary Color By** target area for graph views when creating analyses in Oracle BI EE, then you might find that the results are displayed incorrectly in Microsoft Excel and PowerPoint.

1.8.5.10 Measure Column Labels Might Display Incorrectly When Inserted into Microsoft Excel

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Measure column labels in the section edge or the page edge (also called table prompt in table views and the pivot prompt in pivot table views) of table and pivot table views might display incorrectly when inserted into Microsoft Excel.

The workaround is to not use measure columns in the section edge or page edge.

1.8.5.11 Stacked Graphs Do Not Display Negative Values

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Stacked graphs do not display negative values when they are inserted into Microsoft Excel or PowerPoint. This happens because the default Microsoft graph engine, which governs these graphs, does not display negative values.

1.8.5.12 Scatter Graphs with Lines Display as Default Scatter Graphs in Excel and PowerPoint

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When you select the scatter graph with lines graph style to insert into Microsoft Excel or PowerPoint, the default scatter graph (without lines) is displayed instead. This happens because Microsoft does not support scatter graphs with lines.

1.8.5.13 Graphs With Section Edges Are Not Supported Starting With Release

11.1.1.6.x

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Release 11.1.1.6.x of Oracle BI Add-In for Microsoft Office Release does not support graphs with section edges. Therefore, if a graph with section edges was inserted using Release 11.1.1.5.0 of Oracle BI Add-In for Microsoft Office Release, an error is returned when it is refreshed in Release 11.1.1.6.0.

1.8.5.14 Refreshing Table Views in Arabic or German Versions of Excel Result in Incorrect Data Values

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

In German or Arabic Versions of Microsoft Excel 2007 or 2010, number formatting might be lost after table views that have been secured are refreshed.

1.8.5.15 Inserting a View With a Grand Total Column or Row into Microsoft Office Might Cause Issues

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Views that use the "before" location to show row-level grand totals overwrite values in the first column of the analysis when they are inserted into Microsoft Excel.

Views that use the "before" location to show column-level grand totals return errors when they are inserted into Microsoft PowerPoint.

The workaround is to use the "after" location instead.

1.8.5.16 Time Displayed in Table or Pivot View Title Might Be Incorrect after Insertion

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

If "Display time to be shown in the title" is selected for a table or pivot view, the time shown in the title after the table or pivot is inserted into Microsoft Office might be incorrect.

1.8.5.17 Graphs Might Be Displayed Differently After Insertion into Microsoft Office

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Graphs that are inserted into Microsoft Office might be plotted differently in Microsoft Office than they are in Oracle BI EE. In horizontal bar graphs, the horizontal-axis series

might be displayed in reverse order. In stacked graphs, the stack order might be reversed. This is caused by the Microsoft graph engine.

1.8.5.18 Legends in Bubble and Scatter Graphs Might Display Differently After Insertion into Microsoft Office

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Legends in bubble and scatter graphs displayed in Microsoft Office do not include coordinate values on the horizontal axis. This means that the number of legends as well as the colors displayed for each data series might not match those displayed in Oracle BI EE.

This issue has no workaround.

1.8.5.19 Help System Does Not Work When Running Oracle BI Office for PowerPoint in Norwegian or Polish

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When running Oracle BI Office for PowerPoint in Norwegian or Polish, clicking **Oracle BI Help** has no effect. The expected behavior is to display the help system in English.

The workaround is as follows:

1. Navigate to the <Oracle BI Office installation folder>\BIOfficePowerPoint\Help directory. For example, C:\Program Files\Oracle\BIOfficePowerPoint\Help.
2. Copy powerpointaddin_help.chm, paste it twice, and rename one powerpointaddin_helpno.chm and the other powerpointaddin_helppl.chm.

1.8.5.20 Protected Worksheet Causing Incorrect Message When Inserting View in Oracle BI Add-in for Microsoft Office

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

When inserting a view in Excel using Oracle BI Add-in for Microsoft Office (BI Office), users might get an incorrect "template not found" message. This can happen even though the template file is present at the correct location (<Oracle BI Office installation folder>\Oracle\BIOfficeExcel\Template). The error message might be displayed if the current workbook or worksheet is protected.

In BI Office release 11.1.1.6.0 and later, when a BI Office operation is performed on a protected worksheet or workbook, the error message is displayed correctly as: "Merge styles failed."

The workaround is as follows:

1. Unprotect the workbook before performing any BI Office-related operations.

1.8.5.21 Column Data in Section Edge Is Not Obtained

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7

Platforms: All

For table views and pivot table views, when there are columns in the section edge, the data pertaining to the section edge columns is not obtained.

The workaround is, for table views and pivot table views, to move the columns from the section edge into the row edge or page edge. Alternatively, for table views only, use the "Insert As List" command to obtain all the data.

1.8.5.22 Oracle BI Add-in for Microsoft Office Not Installed By Default

Impacted Releases: 1.1.1.9

Platforms: All

From 11.1.1.9 onwards, Oracle BI Add-in for Microsoft Office (also referred to as Oracle BI Office) is not installed by default as part of Oracle Business Intelligence Enterprise Edition. To install Oracle BI Office, refer to Support Note 1963081.1 on myoraclesupport.com.

The information in Support Note 1963081.1 replaces information in the BI EE User Guide, as described in [Section 1.17.5.21, "Changes to the Instructions for Installing and Configuring Oracle BI Add-in for Microsoft"](#) in these release notes.

1.9 Oracle Business Intelligence Mobile Issues and Workarounds

Issues and workarounds related to Oracle BI Mobile are described in *Oracle Fusion Middleware Release Notes for Oracle Business Intelligence Mobile for Apple iOS and Google Android*, which is available at

http://docs.oracle.com/cd/E52471_01/bi.1111/e52669/toc.htm

These release notes include the following products:

- Oracle Business Intelligence Mobile for Apple iOS
- Oracle Business Intelligence Mobile for Google Android

1.10 Oracle Business Intelligence Mobile App Designer Issues and Workarounds

Issues and workarounds related to Oracle BI Mobile App Designer are described in *Oracle Business Intelligence Mobile App Designer Release Notes*, which is available at

http://docs.oracle.com/cd/E52471_01/bi.1111/e48551/toc.htm

1.11 Oracle Business Intelligence Publisher Reporting and Publishing Issues and Workarounds

This section describes issues and workarounds related to Oracle BI Publisher.

- [Section 1.11.1, "General Oracle BI Publisher Issues and Workarounds"](#)
- [Section 1.11.2, "Oracle BI Publisher Security Issues and Workarounds"](#)
- [Section 1.11.3, "Oracle BI Publisher Delivery Manager Issues and Workarounds"](#)
- [Section 1.11.4, "Oracle BI Publisher Scheduler Issues and Workarounds"](#)
- [Section 1.11.5, "Oracle BI Publisher RTF Template Issues and Workarounds"](#)
- [Section 1.11.6, "Oracle BI Publisher Excel Template Issues and Workarounds"](#)
- [Section 1.11.7, "Oracle BI Publisher Desktop Tools Issues and Workarounds"](#)

- [Section 1.11.8, "Oracle BI Publisher Layout Editor Issues and Workarounds"](#)
- [Section 1.11.9, "Oracle BI Publisher Data Model Issues and Workarounds"](#)
- [Section 1.11.10, "Oracle BI Publisher Report Building Issues and Workarounds"](#)
- [Section 1.11.11, "Oracle BI Publisher Documentation Errata"](#)

1.11.1 General Oracle BI Publisher Issues and Workarounds

This section describes general issues and workarounds related to Oracle BI Publisher.

- [Section 1.11.1.1, "JDBC Driver Throws Unsupported Function for setBigDecimal"](#)
- [Section 1.11.1.2, "Searching the Catalog from the Oracle BI Publisher User Interface Does Not Work When BI Publisher Is Integrated with Oracle BI Enterprise Edition"](#)
- [Section 1.11.1.3, "Data Source List in BI Publisher Administration Page Includes Data Sources That Are Not Supported"](#)
- [Section 1.11.1.4, "Menu Items Do Not Display When Using Internet Explorer 7 or 8 with a Bidirectional Language Preference"](#)
- [Section 1.11.1.5, "Data Source Definition for Microsoft SQL Server 2008 Analysis Services Does Not Get Saved"](#)
- [Section 1.11.1.6, "Issues with Viewing Some Report Formats on Apple iPad"](#)
- [Section 1.11.1.7, "BI Publisher Objects Exhibit Unexpected Behavior When Located Inside a Folder Named with a Single Quote Character"](#)
- [Section 1.11.1.8, "Components Folder Missing from SampleApp Lite Web Catalog"](#)
- [Section 1.11.1.9, "Boilerplate Templates in the Components Folder Do Not Display Table Borders Properly in Chrome Browsers"](#)
- [Section 1.11.1.10, "Local Policy Attachments \(LPAs\) Removed from Web Services in Release 11.1.1.5"](#)
- [Section 1.11.1.11, "Oracle BI Publisher Requires Oracle WebLogic Server to Run in en_US Locale"](#)
- [Section 1.11.1.12, "Search Might Return Incorrect Number of Results"](#)
- [Section 1.11.1.13, "Schedule Report Option Is Not Displayed Correctly for Non-Administrator Users"](#)
- [Section 1.11.1.14, "Additional Setup for BI Publisher Desktop Tools in 11.1.1.6.2"](#)
- [Section 1.11.1.15, "Oracle Endeca Search Does Not Work from /xmlpserver URL"](#)
- [Section 1.11.1.16, "Older Version of Adobe Flash Player Packaged with the Google Chrome Browser Might Cause Unexpected Behavior in the Interactive Viewer"](#)
- [Section 1.11.1.17, ""Failed to Add" Error When Adding Report Objects to Favorites"](#)
- [Section 1.11.1.18, "Cannot Add Reports with Multibyte Character Names to Favorites Using the Catalog Task Option"](#)
- [Section 1.11.1.19, "Excel Analyzer and Online Analyzer Deprecated in Release 11.1.1.7; Removed from 11.1.1.9"](#)
- [Section 1.11.1.20, "MySQL Database Requires Updated Driver"](#)
- [Section 1.11.1.21, "After Upgrade to Release 11.1.1.9, Reports and Data Models Fail with "Exceeds the Data Limit" Messages"](#)

- [Section 1.11.1.22, "Images and Charts Embedded in Excel Output May Cause Size Adjustments in Adjacent Cells"](#)

1.11.1.1 JDBC Driver Throws Unsupported Function for setBigDecimal

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Data models that include a link between a data set of SQL query type against an Oracle database and a data set of SQL query type against the BI Server based on a numeric database column (used to create a parent-child hierarchical XML data structure with the SQL query against the Oracle database as the parent data set) fail to execute and return the following error: "Java.sql.SQLException: unsupported function at oracle.bi.jdbc.AnaJdbcPreparedStatement.setBigDecimal."

1.11.1.2 Searching the Catalog from the Oracle BI Publisher User Interface Does Not Work When BI Publisher Is Integrated with Oracle BI Enterprise Edition

Impacted Releases: 11.1.1.5

Platforms: All

When Oracle BI Publisher is installed in integrated mode with Oracle BI EE, searching the catalog from the BI Publisher user interface (that is, the URL is of the form "http://<host>:<port>/xmlpserver/...") does not work and the following message is returned:

```
Result Not found
Your search - <search criteria> - did not match any documents.
```

The workaround is to search the catalog from the Oracle BI EE user interface (that is, the URL is of the form "http://<host>:<port>/analytics/...").

1.11.1.3 Data Source List in BI Publisher Administration Page Includes Data Sources That Are Not Supported

Impacted Releases: 11.1.1.5

Platforms: All

When configuring a JDBC data source connection or an OLAP connection, the list provided in the BI Publisher Add Data Source page might include data sources that are not supported in this release. For the most current list of supported data sources, refer to the "System Requirements and Supported Platforms for Oracle Business Intelligence Suite Enterprise Edition 11gR1." The system requirements document is available from this link:

<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

It is listed with the documents grouped under the Product Area "Additional Oracle Fusion Middleware 11g Release 1 (11.1.1.x) Certifications."

1.11.1.4 Menu Items Do Not Display When Using Internet Explorer 7 or 8 with a Bidirectional Language Preference

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

If you are using Internet Explorer 7 as the Web browser and you have selected a bidirectional language for your user interface preference (such as Arabic or Hebrew), then the menu options from the global header do not display.

To work around this problem using Internet Explorer 8: On the **Tools** menu select **Compatibility View Settings**; clear the "Display intranet sites in Compatibility View" check box. Or, use another supported Web browser.

1.11.1.5 Data Source Definition for Microsoft SQL Server 2008 Analysis Services Does Not Get Saved

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: All

When you create an OLAP data source connection to a Microsoft SQL Server 2008 Analysis Services data source in the BI Publisher Administration interface, the data source is not saved after you click the **Apply** button, even though the connection test succeeds.

To work around this issue, select "Microsoft SQL Server 2005 Analysis Services" as the **OLAP Type** from the list. Enter the same connection information and click **Apply**.

1.11.1.6 Issues with Viewing Some Report Formats on Apple iPad

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

The Apple iPad does not provide a default viewer for the following output formats:

- MHTML (impacts Excel and PowerPoint)
- RTF

The viewer provided for PowerPoint 2007 might distort the layout of characters.

The default PDF viewer has the following issues:

- Form fields are ignored

The iPad PDF reader cannot support editable PDF form fields, however, you can still generate the report with static text in the fields. To generate the report with static text, set the report property "Remove PDF fields from output" to True. For information on setting report properties see "Configuring Report Properties" in *Oracle Fusion Middleware Report Designer's Guide for Oracle Business Intelligence Publisher*.
- Secured PDF files do not display at all
- Signature fields are ignored
- Bookmarks are ignored
- Attachments are ignored
- Flush does not work
- "Read Out Loud" accessibility feature does not work

Note that these issues are limitations of the provided iPad file readers and cannot be resolved by Oracle.

1.11.1.7 BI Publisher Objects Exhibit Unexpected Behavior When Located Inside a Folder Named with a Single Quote Character

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: All

In the Oracle BI Presentation Catalog, if a folder name contains the single quote character (') BI Publisher reports that reside in that folder do not run and data models might throw unexpected errors. The behavior varies depending on the Web browser.

To work around this issue, do not include single quotes in the names of folders that contain BI Publisher objects.

1.11.1.8 Components Folder Missing from SampleApp Lite Web Catalog

Impacted Releases: 11.1.1.5

Platforms: All

Version 11.1.1.5 of the SampleApp Lite Web catalog is missing the Components folder. As a result, shared boilerplates are unavailable when user creates a new BI Publisher type layout for a BI Publisher report. To work around this issue:

1. Log in with administrator credentials and navigate to the BI Publisher Administration > Server Configuration page.
2. Under the **Catalog** region, ensure that the **BI Publisher Repository** field points to the default path:

```
<Install_Home>/user_projects/domains/bifoundation_  
domain/config/bipublisher/repository
```

Then click the **Upload to BI Presentation Catalog** button.

3. Navigate to the Catalog page and verify that the Components folder is present under Shared Folders.

Note that this also installs additional BI Publisher sample reports included in the Samples folder. Many of these reports require that the Demo JDBC connection to the OE sample schema, included in Oracle Database, is configured.

1.11.1.9 Boilerplate Templates in the Components Folder Do Not Display Table Borders Properly in Chrome Browsers

Impacted Releases: 11.1.1.6

Platforms: All

Several of the Boilerplate templates in the Components folder included in version 11.1.1.6 of the SampleApp Lite OBIEE Web catalog, when used as the starting point to create an XPT layout, do not display table borders properly in Chrome Browsers. To correct this behavior, replace the Components folder in SampleApp Lite OBIEE Web catalog with the one included with the BI Publisher standalone repository. To do so:

1. Log in with administrator credentials and navigate to the BI Publisher Administration > Server Configuration page.
2. Under the **Catalog** region, ensure that the **BI Publisher Repository** field points to the default path:

```
<Install_Home>/user_projects/domains/bifoundation_  
domain/config/bipublisher/repository
```

Then click the **Upload to BI Presentation Catalog** button.

3. Navigate to the Catalog page and verify that the Components folder is present under Shared Folders.

Note that this also installs additional BI Publisher sample reports included in the Samples folder. Many of these reports require that the Demo JDBC connection to the OE sample schema, included in Oracle Database, is configured.

1.11.1.10 Local Policy Attachments (LPAs) Removed from Web Services in Release 11.1.1.5

Impacted Releases: Upgrades from 11.1.1.3 to 11.1.1.6

Platforms: All

In Release 11.1.1.5, the local policy attachments were removed from the BI Publisher Web services. If you were using the BI Publisher Web services in Release 11.1.1.3 and you upgrade to 11.1.1.5, then you must perform the following to add a Global Policy Attachment (GPA):

1. Log in to Oracle Enterprise Manager Fusion Middleware Control.
2. In the left pane, click **WebLogic Domain**, and then click **bifoundation_domain**.
3. In the right pane, click the **WebLogic Domain** menu and select **Web Services** and then **Policy Sets**.
4. Click **Create** to create a new policy set.
5. Enter the following general information:
 - Name - enter any name you choose
 - Enabled - select this box
 - Type of Resources - Web Service Endpoint
 - Description: This GPA is applied for all JRF-based Web services
 Click **Next**.
6. Enter "*" for the **Domain Name** value. Click **Next**.
7. Select the following policy, then click **Attach**:
 oracle/wss11_saml_or_username_token_with_message_protection_service_policy
8. Click **Next**, then click **Save**. Wait for WebLogic Server to pick up the changes.
9. In a browser, enter the following URL to verify that the policy you entered is available in the WSDL:
 http://server:port/xmlpserver/services/PublicReportWSSService?wsdl

1.11.1.11 Oracle BI Publisher Requires Oracle WebLogic Server to Run in en_US Locale

Impacted Release: 11.1.1.3

Platforms: All

The XDK used by Oracle BI Publisher requires the JVM of the Oracle WebLogic Server to run in en-US locale. Otherwise, functions (such as sum) generate values that cannot be formatted with its number format functions.

To work around this problem, in the script startWebLogic.cmd add the following line to set the required options:

```
set JAVA_OPTIONS=-Dfile.encoding=UTF-8 -Duser.language=en -Duser.region=US %JAVA_
OPTIONS%
```

For information on setting Java options in the Oracle WebLogic Server Administration Console, see the topic "Set Java options for servers started by Node Manager" in the *Oracle Fusion Middleware Oracle WebLogic Server Administration Console Online Help*.

1.11.1.12 Search Might Return Incorrect Number of Results

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Searching for catalog items might yield more results than there actually are. For example, a search on all types of catalog items using "Salary" might show well over 100 results on the first page of the search results, even though there are far fewer actual results.

To find the correct set of results, click the **Next** button at the bottom of the Result page, then page through the results to find the item that you want.

1.11.1.13 Schedule Report Option Is Not Displayed Correctly for Non-Administrator Users

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2

Platforms: All

Users with a role other than Administrator (for example: BI Author and BI Consumer) do not see the Schedule action link under report entries in the catalog; nor do they see the Schedule option under the Action menu when viewing a report.

To work around this issue, users can schedule report jobs by using the "New" menu from the global header or by selecting "Report Job" under the Create section on the Home page.

Alternatively, if an application role is granted the `oracle.bi.publisher.scheduleReport` permission you can also work around this issue as follows:

1. Log in to Oracle Business Intelligence as an Administrator.
2. Navigate to the catalog and select "Shared Folders."
3. In the Tasks region, select Permissions.
4. In the Permissions dialog, select the role and explicitly add the permission "Schedule Publisher Report." Select both cascading options.

1.11.1.14 Additional Setup for BI Publisher Desktop Tools in 11.1.1.6.2

Impacted Release: 11.1.1.6.2

Platforms: All

The BI Publisher Desktop Tools executable delivered under the `bi_foundation_domain` location is not the latest version.

To work around this issue, copy the `BIPublisherDesktop.exe` from the `clients/bipublisher/repository/Tools` location to the `bifoundation_domain/config/bipublisher/repository/Tools` location

This step is also documented in the 11.1.1.6.2 Read Me file.

1.11.1.15 Oracle Endeca Search Does Not Work from /xmlpserver URL

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

Search does not work from the BI Publisher URL (that is, .../xmlpserver) when BI Publisher is integrated with Oracle BI Enterprise Edition and Oracle BIEE is configured to use the Endeca Server as the search engine. To work around this issue, perform searches for BI Publisher objects from the Oracle BI EE URL (that is, ../analytics).

1.11.1.16 Older Version of Adobe Flash Player Packaged with the Google Chrome Browser Might Cause Unexpected Behavior in the Interactive Viewer

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

You might experience user interface issues when using the Google Chrome browser if you do not update the version of the Adobe Flash Player that is packaged with the Chrome browser.

To work around this issue, update the Adobe Flash player to version 11.4.402.278 or later. To obtain information about the version of the Adobe Flash Player that is running on the browser go to <http://www.adobe.com/software/flash/about/>.

1.11.1.17 "Failed to Add" Error When Adding Report Objects to Favorites

Impacted Releases: 11.1.1.7

Platforms: All

When adding reports or data models to the Favorites region you might receive a "Failed to Add" error after dragging and dropping a report to the Favorites region or after clicking the "Add to Favorites" link on the More menu in the catalog. The error is inaccurate. When you navigate back to the Home page, the reports have been added to the Favorites region.

1.11.1.18 Cannot Add Reports with Multibyte Character Names to Favorites Using the Catalog Task Option

Impacted Releases: 11.1.1.7

Platforms: All

Reports with multibyte character names cannot be added to the Favorites region using the Add to Favorites task available from the More menu in the catalog.

To work around this issue, use the Manage Favorites function in the Home page and drag and drop the report to the Favorites region. See also [Section 1.11.1.17, "Failed to Add" Error When Adding Report Objects to Favorites.](#)

1.11.1.19 Excel Analyzer and Online Analyzer Deprecated in Release 11.1.1.7; Removed from 11.1.1.9

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

The Excel Analyzer and Online Analyzer are deprecated in 11.1.1.7.

- To convert existing Excel Analyzer templates to Excel templates, see "Importing Excel Analyzer Templates" in Oracle Fusion Middleware Report Designer's Guide for Oracle Business Intelligence Publisher.
- To build new templates using Excel, use Excel Templates.
- To build new reports with interactive output use the BI Publisher layout editor.

The Excel Analyzer and Online Analyzer are not included in 11.1.1.9.

1.11.1.20 MySQL Database Requires Updated Driver

Impacted Releases: 11.1.1.7, 11.1.1.9

The MySQL JDBC driver included with Oracle BI Publisher is out of date. To connect BI Publisher to your MySQL database you must install a current MySQL driver and update the WebLogic startup script to point to the current version.

To install a current MySQL driver:

1. Download a current MySQL JDBC driver.

You can download the driver from:

<http://www.mysql.com/products/connector/j/>

As of this writing the current version is 5.1.34.

2. Open the zipped download and copy the current (5.1.34) driver (mysql-connector-java-5.1.34-bin.jar)

to

`${BI_ORACLE_HOME}/bifoundation/jdbc/`

3. Locate the `setDomainEnv.sh` script.

The `setDomainEnv.sh` is located under

`$FMW_HOME/user_projects/domains/bifoundation_domain/bin`

4. Update the script to point to the location where you copied the downloaded driver.

Locate the `bijdbc.jar` lines in the script, and add the following lines after:

```
PRE_CLASSPATH="${BI_ORACLE_HOME}/bifoundation/jdbc/jdk16/bijdbc.jar${CLASSPATH}
SEP}${PRE_CLASSPATH} "
export PRE_CLASSPATH

#add required jdbc jars to class path
PRE_CLASSPATH="${BI_ORACLE_
HOME}/bifoundation/jdbc/mysql-connector-java-5.1.34-bin.jar${CLASSPATHSEP}${PRE_
_CLAS
SPATH} "
export PRE_CLASSPATH

${mw_home}/user_projects/domains/bifoundation_domain/bin/setDomainEnv.sh
```

5. Restart the Administration Server (AdminServer) and the BI Server (bi_server1).

To set up the connection in BI Publisher:

1. Navigate to the **BI Publisher Administration** page.
2. Click **JDBC Connection**.
3. Click **Add Data Source**.

4. In the **Add Data Source** page, ensure to specify the following:
 - **Driver Type:** select Other.
 - **Database Driver Class:** enter `com.mysql.jdbc.Driver`
 - **Connection String:** enter the connection string in the format:
`jdbc:mysql://[host]:[port]/[databasename]`

For example:

```
jdbc:mysql://example.com:3306/mysqlpdb
```

1.11.1.21 After Upgrade to Release 11.1.1.9, Reports and Data Models Fail with "Exceeds the Data Limit" Messages

Impacted Releases: 11.1.1.9

Platforms: All

After upgrading to 11.1.1.9, reports and data models that previously ran without error may fail with one of the following exceptions:

- The report you are trying to run exceeds the data limit set for this server.
- SQL query time exceeds the limit (600 sec). Stopped processing.
- Report data size exceeds the maximum limit (nnn bytes). Stopped processing.

Release 11.1.1.9 introduces default data size restrictions ("Memory Guard") to protect your system from out of memory errors. Reports and data models that previously ran without error may fail if they generate data that exceeds these new limits introduced into your system.

You can edit the Memory Guard data limit settings through the Runtime Properties Configuration page:

1. Navigate to the BI Publisher Administration page:
 - From Oracle BI Publisher, click Administration.
 - From Oracle Business Intelligence, click Administration and then click Manage BI Publisher.
2. On the Administration page, under Runtime Configuration, click Properties.
3. Edit the settings under Memory Guard and Data Model.

Before you edit these settings, review "Enabling Memory Guard Features" in the *Oracle Fusion Middleware Administrator's Guide for Oracle Business Intelligence Publisher* to understand the impact to your system. Some of the memory guard properties can also be set at the Data Model level during data model design. See "Setting Data Model Properties" in *Oracle Fusion Middleware Data Modeling Guide for Oracle Business Intelligence Publisher*.

1.11.1.22 Images and Charts Embedded in Excel Output May Cause Size Adjustments in Adjacent Cells

Impacted Releases: 11.1.1.9

Platforms: All

When you output a report to Excel that includes a table containing images or charts, the row height and column width of the surrounding cells adjust to accommodate the size of the object. This behavior is expected.

1.11.2 Oracle BI Publisher Security Issues and Workarounds

This section describes issues and workarounds related to Oracle BI Publisher security.

- [Section 1.11.2.1, "Limitations for Administrator Username in LDAP Security Model"](#)
- [Section 1.11.2.2, "Oracle E-Business Suite Security Requires the BI Publisher Server Operating System Language to Match an E-Business Suite Enabled Language"](#)

1.11.2.1 Limitations for Administrator Username in LDAP Security Model

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

If you are using LDAP security model for standalone BI Publisher, the LDAP Administrator Username that you enter on the BI Publisher Security Configuration page must be one of the following.

- Admin User defined under "Distinguished Name for Users"
- Admin User with only cn (like cn=Directory Manager) without dc=...

If the Administrator Username entered is not one of the supported options, then scheduled jobs fail with an impersonation error.

1.11.2.2 Oracle E-Business Suite Security Requires the BI Publisher Server Operating System Language to Match an E-Business Suite Enabled Language

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

When Oracle BI Publisher is configured to use Oracle E-Business Suite security, the user authentication process checks the Oracle BI Publisher operating system language against the languages defined in `fnf_responsibility_tl`. If the BI Publisher operating system language is not found in the list, no responsibilities are returned for the user in the BI Publisher user interface, and the user cannot perform actions in BI Publisher.

To work around this issue, ensure that the BI Publisher operating system language is present in the `fnf_responsibility_tl`.

1.11.3 Oracle BI Publisher Delivery Manager Issues and Workarounds

This section describes issues and workarounds related to Oracle BI Publisher Delivery Manager.

There are no known issues at this time.

1.11.4 Oracle BI Publisher Scheduler Issues and Workarounds

This section describes issues and workarounds related to Oracle BI Publisher Scheduler.

- [Section 1.11.4.1, "Scheduler Does Not Support Multibyte Characters When Schema Installed on Microsoft SQL Server"](#)

- [Section 1.11.4.2, "URL in E-mail Notification of Recurring or Future-Dated Jobs Might Fail to Display Job History for the Job"](#)
- [Section 1.11.4.3, "After Editing an Existing Job, Immediately Creating a New Job Using "Submit as New" Overwrites the Original Job"](#)

1.11.4.1 Scheduler Does Not Support Multibyte Characters When Schema Installed on Microsoft SQL Server

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

If you are using Microsoft SQL Server as the BI Publisher scheduler database, using multibyte characters in the **Schedule Report Job** page might result in a garbled character display. To work around this issue, do not use multibyte characters in the **Schedule Report Job** submission page.

1.11.4.2 URL in E-mail Notification of Recurring or Future-Dated Jobs Might Fail to Display Job History for the Job

Impacted Releases: 11.1.1.6, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

During upgrade, the data in the 10g scheduler schema is migrated to the 11g scheduler schema. If a report was scheduled in 10g as a recurring job or as a future-dated job and the e-mail notification was set for this job for successful completion/completion with warning/failure, then, after upgrade, the e-mail notification View History URL still points to the 10g server. Clicking the URL in the notification fails to display job history for the job.

To work around this issue:

1. After invoking the browser to display the View History page, manually edit the server name and port in the browser address bar to point to the 11g environment and then press **Enter**.
2. Log in to the 11g server when prompted to view the report history.

1.11.4.3 After Editing an Existing Job, Immediately Creating a New Job Using "Submit as New" Overwrites the Original Job

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

This issue applies to the following scenario: You wish to edit an existing job and also create a new job based on the original job. To edit the existing schedule job you locate the job in the **Manage Report Jobs** page and click **Edit**. Then in the **Schedule Report Job** page you make the changes and click **Submit**. If you then immediately make additional edits and click **Submit as New** (to create the new job) the job that you just edited is no longer displayed in the **Manage Report Jobs** page.

To work around this issue: After editing the existing job and clicking **Submit**, then click **Return**. Choose the job again for editing, make your edits, and then click **Submit as New** to create the new job.

1.11.5 Oracle BI Publisher RTF Template Issues and Workarounds

This section describes issues and workarounds related to Oracle BI Publisher RTF templates.

- [Section 1.11.5.1, "RTF Templates in 11g Require Number Conversion on String Expressions"](#)

1.11.5.1 RTF Templates in 11g Require Number Conversion on String Expressions

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

The XPath expression in 10g RTF templates that uses XDK 10g allows automatic type conversion for number to string conversion and for string to number conversion. The XPath expression in 11g RTF templates that uses XDK 11g has disabled the automatic type conversion as per the W3C specifications of XSL 2.0. Therefore, expressions that worked in 10g might not work in 11g.

Example 1:

In 10g the following expression returns the expected results:

```
concat(((ceiling(substring(Order_Date,6,2) div 3) * 3) - 2), '/',
substring(Order_Date,1,4))
```

In 11g, this expression fails for the following reasons:

- The XPath "substring(Order_Date,6,2) div 3" is invalid in XSL 2.0 because the value from substring(...) is a string type, and the DIV operator cannot operate on a string value.
- The result of XPath "((ceiling(substring(Order_Date,6,2) div 3) * 3) - 2)" is a number type. The concat(...) function expects a list of string type parameters

To achieve the desired results in 11g, enter the following instead:

```
concat(string((ceiling(number(substring(Order_Date,6,2)) div 3) * 3) - 2), '/',
substring(Order_Date,1,4))
```

Example 2:

The following functions return a string data type and any calculation in 10g works on these functions:

```
xdoxslt:minimum(...)
xdoxslt:maximum(...)
```

In 11g, to perform a calculation on these functions, you must convert them into a number data type as follows:

```
number(xdoxslt:minimum(...))
number(xdoxslt:maximum(...))
```

1.11.6 Oracle BI Publisher Excel Template Issues and Workarounds

This section describes issues and workarounds related to Oracle BI Publisher Excel templates.

- [Section 1.11.6.1, "Limitations for Excel Template Output on Apple iPad"](#)
- [Section 1.11.6.2, "Manually Coded Excel Templates Require Default Values"](#)

1.11.6.1 Limitations for Excel Template Output on Apple iPad

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Due to limitations with the native Excel reader on the Apple iPad, Excel template output documents have the following limitations when viewed on the iPad:

- Formulas intended to dynamically calculate in the output do not work
- Macros do not execute
- Pivot tables cannot be refreshed
- Hyperlinks do not work
- Workbook headers and footers are not displayed
- If using the Oracle Business Intelligence Mobile application on an iPad, the parameters do not show. However, if accessing the report via the Safari browser, the parameters are displayed.

1.11.6.2 Manually Coded Excel Templates Require Default Values

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When you create an Excel Template manually (that is, not by using the BI Publisher Desktop Excel Template Builder), you must provide default values for all marked up cells XDO_?. The default values must match to the data type of the report data XML file. Without default values for the XDO_? cells, the output cells generated from those template cells may lose the formats and types and the result is unpredictable. If you use BI Publisher Desktop to create an Excel Template, the default values are automatically supplied with the first row of sample data in the report data file.

1.11.7 Oracle BI Publisher Desktop Tools Issues and Workarounds

This section describes issues and workarounds related to Oracle BI Publisher desktop tools.

- [Section 1.11.7.1, "Oracle BI Publisher's Template Builder for Microsoft Word Is Not Compatible with Microsoft Office Live Add-in"](#)
- [Section 1.11.7.2, "Excel Analyzer Does Not Support 64-Bit Windows Platform"](#)
- [Section 1.11.7.3, "BI Publisher Desktop Tools Do Not Support Microsoft Office 2013"](#)

1.11.7.1 Oracle BI Publisher's Template Builder for Microsoft Word Is Not Compatible with Microsoft Office Live Add-in

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Oracle BI Publisher's Template Builder for Microsoft Word is not compatible with Microsoft Office Live Add-in. The presence of Microsoft Office Live Add-in might cause errors when attempting to install the Template Builder or other unexpected behavior.

To work around this issue, uninstall Microsoft Office Live Add-in.

1.11.7.2 Excel Analyzer Does Not Support 64-Bit Windows Platform

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7

Platforms: Microsoft Windows (64-Bit)

Oracle BI Publisher's desktop tool, the Analyzer for Excel does not support installation on Windows 64-bit platform. Support for 32-bit Windows platform is only available at this time.

Excel Analyzer is not included in Release 11.1.1.9.

1.11.7.3 BI Publisher Desktop Tools Do Not Support Microsoft Office 2013

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Oracle BI Publisher's desktop tools: Template Builder for Microsoft Word, Excel Template Builder, and Template Viewer do not support Microsoft Office 2013.

To work around this issue, use these tools on another supported version of Microsoft Office. For the list of supported versions, see the certification document available on Oracle Technology Network (OTN):

<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

1.11.8 Oracle BI Publisher Layout Editor Issues and Workarounds

This section describes issues and workarounds related to Oracle BI Publisher layout editor.

- [Section 1.11.8.1, "Editing an XPT Layout and Clicking Return in Layout Editor Results in Exception"](#)
- [Section 1.11.8.2, "Interactive Viewer Might Return Unexpected Results from Formula Columns"](#)
- [Section 1.11.8.3, "Interactive Viewer Returns Incorrect Results for Data Aggregation Functions When the Data Set Is Not a Single, Flat Data Set"](#)
- [Section 1.11.8.4, "Division Results Rounded Inconsistently When Used with the #,##0 Custom Format Mask"](#)

1.11.8.1 Editing an XPT Layout and Clicking Return in Layout Editor Results in Exception

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: All

When viewing a report using a layout that is not set as the Default Layout, and you select **Edit Layout** from the Report Viewer's action drop-down menu to open the layout in the layout editor, and then you click **Return**, you might encounter the following issue: The Report Viewer tries to open the report using the default output format (PDF, HTML, and so on) specified for the default layout. This might cause the report to fail with the following error if the default output format for the default layout is not one of the output formats allowed for the selected layout:

```
The report cannot be rendered because of an error, please contact the administrator. Error Detail oracle.xdo.servlet.data.DataException: Invalid format requested: html
```

1.11.8.2 Interactive Viewer Might Return Unexpected Results from Formula Columns

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

The Oracle JDBC driver does not contain a valid data type code for FORMULA columns in SQL. As a result, the data model shows these columns as INTEGER, even when the column is of another type.

The new interactive viewer engine introduced in 11.1.1.6 tries to convert the data to INTEGER. In most cases this results in "null" values for the formula data field (unless the INTEGER data type is appropriate). The new engine does not display any data for these values.

To work around this issue: In most cases switching to the backwards compatibility mode enables the interactive viewer to render the data.

To switch to backwards compatibility mode: Choose **Edit Report** and then click **Properties**. On the **Properties** dialog, click the **Formatting** tab and scroll down to the **All Outputs** group. Set **Use 11.1.1.5 compatibility mode** to True.

1.11.8.3 Interactive Viewer Returns Incorrect Results for Data Aggregation Functions When the Data Set Is Not a Single, Flat Data Set

Impacted Release: 11.1.1.6.0

Platforms: All

This issue is fixed in release 11.1.1.6.2.

In the interactive viewer, data aggregation functions return an incorrect value when the base data set is not a single, flat data set. Note that other output types (HTML, PDF, and so on) are not affected.

To work around this issue: Switch to the backwards compatibility to render the correct results.

To switch to backwards compatibility mode: Choose **Edit Report** and then click **Properties**. On the **Properties** dialog, click the **Formatting** tab and scroll down to the **All Outputs** group. Set **Use 11.1.1.5 compatibility mode** to True.

1.11.8.4 Division Results Rounded Inconsistently When Used with the #,##0 Custom Format Mask

Impacted Releases: 11.1.1.5.0, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Division results for calculated columns created in Layout Editor are rounded inconsistently when the custom format mask #,##0 is applied to the column results. For example, $5/2 = 2.5$ is rounded to 3. But $7/2 = 3.5$ is rounded to 4.

1.11.9 Oracle BI Publisher Data Model Issues and Workarounds

This section describes issues and workarounds related to Oracle BI Publisher data models.

- [Section 1.11.9.1, "Data Model Is Not Editable When Created by Upgrade Assistant"](#)
- [Section 1.11.9.2, "Issues with Upgraded 10g Data Models That Include Ref Cursors and Stored Procedures"](#)
- [Section 1.11.9.3, "After Editing a View Object Data Set, the Elements Are Duplicated"](#)

- [Section 1.11.9.4, "Excel Workbooks Used as Data Sources Cannot Contain Ampersand \(& in the Sheet Name"](#)

1.11.9.1 Data Model Is Not Editable When Created by Upgrade Assistant

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

A report that is upgraded from Release 10g to 11g will have a report and a data model that are created by the Upgrade Assistant. The upgraded data model when seen in the data model editor will not show diagram, data structure and the equivalent code for the data structure. Moreover, the developer or administrator cannot edit the data structure. This means that the data model will not allow the developer or administrator to use the Release 11g features editable XML View and Business View.

The workaround is as follows:

1. Open the data model for editing.
2. Copy the SQL query statement from the data set.
3. Create a new data set in the same data model. The following warning is displayed:
"Adding this type of Data Set may break layouts that refer to this data model."
4. Click **OK**.
5. Paste the SQL query into the new data set dialog.
6. Enter a name for the dataset.
7. Click **OK**.
8. Delete the original data set. The following warning is displayed:
"This item is set as main dataset. Do you want to delete this item?"
9. Click **OK**.
10. Change the data structure in XML View to reflect ROWSET/ROW structure of XML.
11. Save the data model.

1.11.9.2 Issues with Upgraded 10g Data Models That Include Ref Cursors and Stored Procedures

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Data models in Release 10g that use ref cursors as a data source can be upgraded to Release 11g and continue to work; however, editing these data models is not supported. If you attempt to edit them, then they cease to work.

Data models in 10g that include stored procedures cannot be upgraded to 11g.

Fixes for both these issues are planned for a future release.

1.11.9.3 After Editing a View Object Data Set, the Elements Are Duplicated

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: All

This issue is fixed in 11.1.1.6.0.

In the data model editor if you edit a data set of the type View Object, then after you click **OK**, all the elements in the data set are duplicated.

To work around this issue, you must delete the data set and recreate it.

1.11.9.4 Excel Workbooks Used as Data Sources Cannot Contain Ampersand (&) in the Sheet Name

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Excel workbooks used as data sources for BI Publisher reports cannot contain the ampersand character (&) in the sheet name. If a sheet name in the Excel workbook includes an ampersand, when you attempt to load the workbook the sheet name list might appear empty or you might encounter an error when you attempt to upload the file.

To work around this issue, rename the sheet without the ampersand character.

1.11.10 Oracle BI Publisher Report Building Issues and Workarounds

This section describes issues and workarounds related to building reports with Oracle BI Publisher.

- [Section 1.11.10.1, "Use Oracle BI Publisher Oracle Reports to BI Publisher Conversion Assistant to Convert Oracle Reports"](#)
- [Section 1.11.10.2, "'Enable Bursting' Report Property Displays Enabled State When Disabled"](#)

1.11.10.1 Use Oracle BI Publisher Oracle Reports to BI Publisher Conversion Assistant to Convert Oracle Reports

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

You can run the Oracle Reports to BI Publisher Conversion Assistant to convert Oracle Reports to Oracle BI Publisher 11g reports, regardless of the release of Oracle BI Publisher 11g that you are using. For more information, see <http://www.oracle.com/technetwork/middleware/bi-publisher/converttobip-1599273.html>.

1.11.10.2 "Enable Bursting" Report Property Displays Enabled State When Disabled

Impacted Releases: 11.1.1.5, 11.1.1.6, 11.1.1.6.2

Platforms: All

When a report references a data model that includes a bursting definition, you can choose to enable a specific bursting definition for a report in the **Report Properties** dialog. If you choose to disable bursting by clearing the **Enable Bursting** check box, the check box is still displayed as enabled the next time that you open the **Report Properties** dialog. However, the actual state of the check box is disabled. You can verify the state by creating a schedule job for the report. If the **Output** tab of the **Schedule Report Job** page includes the option "Use Bursting Definition to Determine Output & Delivery Destination" then the report property is enabled. If this option is not visible, then the property is disabled.

If the **Enable Bursting** check box displays as enabled, but the actual state is disabled and you wish to re-enable bursting, clear the check box, then select it again, and click **OK**.

1.11.11 Oracle BI Publisher Documentation Errata

This section describes Oracle BI Publisher documentation errata.

- [Section 1.11.11.1, "Oracle Fusion Middleware Report Designer's Guide for Oracle Business Intelligence Publisher"](#)
- [Section 1.11.11.2, "Oracle Fusion Middleware Administrator's Guide for Oracle Business Intelligence Publisher"](#)

1.11.11.1 Oracle Fusion Middleware Report Designer's Guide for Oracle Business Intelligence Publisher

This section describes documentation errata in *Oracle Fusion Middleware Report Designer's Guide for Oracle Business Intelligence Publisher*.

- [Section 1.11.11.1.1, "Syntax Error in "Column Formatting" Section of the "Creating an RTF Template" Chapter"](#)
- [Section 1.11.11.1.2, "Required Location of ICC Profile Data File for PDF/X and PDF/A Output Incorrectly Documented"](#)
- [Section 1.11.11.1.3, "Support for Dynamic Links in Layout Editor Not Documented"](#)
- [Section 1.11.11.1.4, "Link to "Advanced Barcode Font Formatting" Points to Wrong Guide"](#)
- [Section 1.11.11.1.5, "Report Designer's Guide Incorrectly States Support for Hindi"](#)

1.11.11.1.1 Syntax Error in "Column Formatting" Section of the "Creating an RTF Template" Chapter

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: All

In the "Creating an RTF Template" chapter, under the topic "Conditional Formatting," and subtopic "Column Formatting," the example contains a syntax error.

In the table that begins on page 74-68 of the PDF version of the book, the second "IF" statement entry (that precedes the entry "20") incorrectly shows the Form Field Entry as `<?if@column:/items/@type="PRIVATE"?>`

The correct entry is:

```
<?if@cell:/items/@type="PRIVATE"?>
```

1.11.11.1.2 Required Location of ICC Profile Data File for PDF/X and PDF/A Output Incorrectly Documented

Impacted Release: 11.1.1.6.0

Platforms: All

BI Publisher includes a set of run-time properties to configure the new output types PDF/A and PDF/X. The PDF/X output type requires the setting of the property "PDF/X ICC Profile Data". For PDF/A, the setting of "PDF/A ICC Profile Data" is optional. The description of these properties in the "Setting Report Processing and Output Document Properties" chapter incorrectly states that the value of each property must be the path to the profile data file. Instead, the profile data file must be placed under `<bi publisher repository>/Admin/Configuration` and the value of the property must be the file name. [Table 1-3](#) provides a detailed revision of the two required

PDF/X properties: PDF/X ICC Profile Data and PDF/X output condition identifier.

Table 1–3 PDF/X Output Properties

| Property Name | Description |
|-----------------------------------|---|
| PDF/X ICC Profile Data | <p>Default: None</p> <p>Description: (Required) The name of the ICC profile data file, for example: CoatedFOGRA27.icc.</p> <p>The ICC (International Color Consortium) profile is a binary file describing the color characteristics of the intended output device. (For more information, see the article at http://en.wikipedia.org/wiki/ICC_profile). For production environments, the color profile might be provided by the print vendor or by the printing company that prints the generated PDF/X file. The file must be placed under <bi publisher repository>/Admin/Configuration.</p> <p>Profile data is also available from Adobe (http://www.adobe.com/support) or colormangement.org (http://www.colormangement.org/).</p> <p>Internal Name: pdfx-dest-output-profile-data</p> |
| PDF/X output condition identifier | <p>Default: None</p> <p>Description: (Required) The name of one of the standard printing conditions registered with ICC (International Color Consortium). The list of standard CMYK printing conditions to use with PDF/X-1a is provided on the following ICC website: http://www.color.org/chardata/drsection1.xalter. The value that you enter for this property is a valid "Reference name," for example: FOGRA43.</p> <p>Choose the appropriate value for the intended printing environment. This name is often used to guide automatic processing of the file by the consumer of the PDF/X document, or to inform the default settings in interactive applications.</p> <p>Internal Name: pdfx-output-condition-identifier</p> |

For PDF/A output, if you choose to set the "PDF/A ICC Profile Data" property, the ICC profile data file must also be placed under <bi publisher repository>/Admin/Configuration and the value of the property must be the file name.

1.11.11.13 Support for Dynamic Links in Layout Editor Not Documented Impacted Releases: 11.1.1.6.0

Platforms: All

In the "Creating BI Publisher Layout Templates" chapter, the procedure for adding a dynamic hyperlink to a field in a table column is not documented.

To add a dynamic hyperlink a table column:

1. Select the table column.
2. Click **Properties**. The column properties include an option to enter a URL.
3. In the URL field, enter the static portion of the URL and embed the absolute path to the element that provides the dynamic portion of the URL within curly braces {}. For example:

```
http://example.com/show_page?id={/DATA/GROUP1/ELEMENT_NAME}
```

where `http://example.com/show_page?id=` is the static portion of the URL and `{/DATA/GROUP1/ELEMENT_NAME}` is the absolute path to the element in the data that supplies the dynamic portion.

1.11.11.1.4 Link to "Advanced Barcode Font Formatting" Points to Wrong Guide Impacted Releases: 11.1.1.5, 11.1.1.6.0

Platforms: All

In the "Creating RTF Templates" chapter, the section "Implementing Custom Barcode Formats" incorrectly states that the topic "Advanced Barcode Font Formatting" is found in the *Oracle Fusion Middleware Administrator's Guide for Oracle Business Intelligence Publisher*. The topic is instead found in the *Oracle Fusion Middleware Developer's Guide for Oracle Business Intelligence Publisher*.

1.11.11.1.5 Report Designer's Guide Incorrectly States Support for Hindi Impacted Releases: 11.1.1.7

Platforms: All

Section 15.1.3, "About Supported Languages" of the E22254-03 version of the Report Designer's Guide states:

"BI Publisher does support Arabic and Hindi."

The statement should read:

"BI Publisher does support Arabic and Hebrew."

BI Publisher does not support Hindi in this release.

1.11.11.2 Oracle Fusion Middleware Administrator's Guide for Oracle Business Intelligence Publisher

This section describes documentation errata in *Oracle Fusion Middleware Administrator's and Developer's Guide for Oracle Business Intelligence Publisher*.

There are no known issues at this time.

1.12 Oracle Business Intelligence Metadata Repository Development Issues and Workarounds

This section describes issues and workarounds related to developing Oracle Business Intelligence metadata repositories.

- [Section 1.12.1, "General Metadata Repository Development Issues and Workarounds"](#)
- [Section 1.12.2, "Oracle BI Server Issues and Workarounds"](#)
- [Section 1.12.3, "Oracle BI Administration Tool Issues and Workarounds"](#)

1.12.1 General Metadata Repository Development Issues and Workarounds

This section describes general issues and workarounds related to developing Oracle Business Intelligence metadata repositories.

- [Section 1.12.1.1, "Use of NQClient \(BI ODBC Client\) Utility Is Deprecated"](#)
- [Section 1.12.1.2, "Update Logical Table Source Modeling when Using paint.rpd for Testing"](#)

- [Section 1.12.1.3, "FIRST and LAST Aggregation Rules Cause Inconsistent Sorting for Time Dimensions"](#)
- [Section 1.12.1.4, "Oracle OLAP Jars on JavaHost Computer Must Be Updated When Using Oracle OLAP 11.2.x"](#)
- [Section 1.12.1.5, "Must Use JDBC Connection String When Importing from Oracle OLAP"](#)
- [Section 1.12.1.6, "Using the BIServerT2PProvisioner.jar Utility to Change Connection Pool Passwords"](#)
- [Section 1.12.1.7, "Configuring a Servlet for Oracle BI Server Communication with Oracle OLAP"](#)
- [Section 1.12.1.8, "Enhancing Performance of Aggregates with TimesTen Release 11.2.2.3 or Later"](#)
- [Section 1.12.1.9, "Performing Merges on Repositories That Contain System-Generated Tables Can Cause Loss of Metadata"](#)
- [Section 1.12.1.10, "Create Aggregates Operations Can Time Out for TimesTen Targets"](#)
- [Section 1.12.1.11, "Logical Display Folders Are Deleted During MUD Publish"](#)
- [Section 1.12.1.12, "Joining Essbase and Relational Sources in a Logical Table Source is Not Recommended"](#)

1.12.1.1 Use of NQClient (BI ODBC Client) Utility Is Deprecated

Impacted Releases: 11.1.1.5

Platforms: All

The NQClient (BI ODBC Client) utility was fully deprecated in Release 11g (11.1.1.3) and should not be used. Instead, use the nqcmd utility or one of the many widely available third-party ODBC/JDBC tools to satisfy previous NQClient functionality.

1.12.1.2 Update Logical Table Source Modeling when Using paint.rpd for Testing

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

In paint.rpd, aggregated data at different levels is stored in the same fact table, which means that the same physical fact table is mapped to the logical table at different levels. To ensure that only rows from one level are returned, WHERE clause filters such as LEVELX = 'MONTH' or LEVELX = 'YEAR' exist in the logical table sources.

In releases prior to Oracle BI EE 11g Release 1 (11.1.1.3), if two logical table sources for the same logical table were mapped to the same physical table, and both logical table sources were used in a query, and both logical table sources had a WHERE clause filter, then the filter from only one of the logical table sources was applied. The other WHERE clause filter was ignored.

Starting with Oracle BI EE 11g Release 1 (11.1.1.3), in this situation, the WHERE clause filters from both logical table sources are applied to the query. Because of this, when paint.rpd queries select attributes from multiple levels, then the query hits multiple logical table sources, and the WHERE clause filters added to the query contradict one another. For example, the following condition is always false because LEVELX cannot be both MONTH and YEAR at the same time:

```
T863.LEVELX = 'MONTH' and T863.LEVELX = 'YEAR'
```

If you use `paint.rpd` for testing, then use one of the following methods to correct the modeling:

- Use physical table aliases to ensure that the same physical table is not mapped to the logical table at different levels.
- Disable the higher-level logical table source so that the query hits only the detailed logical table source.

Note that `paint.rpd` is not optimized for this release of Oracle BI EE and should not be used as a basis for any repositories in production environments. Consider using `SampleApp.rpd` instead. You can find the full version of `SampleApp.rpd` at:

<http://oracle.com/technetwork/middleware/bi-foundation/obiee-samples-167534.html>

1.12.1.3 FIRST and LAST Aggregation Rules Cause Inconsistent Sorting for Time Dimensions

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: All

The `FIRST` and `LAST` aggregation rules always use the primary level key to determine the sort order of the dimension members. This might cause inconsistent sort order for time dimensions, because the primary level key is used for the sort rather than the chronological key.

To work around this issue, specify the same column used for the chronological key as the primary level key.

1.12.1.4 Oracle OLAP Jars on JavaHost Computer Must Be Updated When Using Oracle OLAP 11.2.x

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

Currently, Oracle BI EE includes the 11.1.x version of the OLAP API jar file (`olap_api.jar`). If you are using Oracle OLAP version 11.2.x as a data source for Oracle BI EE, you must update the OLAP API jar file on all computers running the JavaHost process to version 11.2.x.

To update the `olap_api.jar` file used by Oracle Business Intelligence Enterprise Edition to version 11.2.x:

1. Back up the current `olap_api.jar` file used by Oracle Business Intelligence Enterprise Edition at:

```
ORACLE_BI_EE_HOME/bifoundation/javahost/lib/obisintegration/aw/11g
```

2. Copy the `olap_api.jar` file from the Oracle Database home at:

```
ORACLE_DB_HOME/product/11.2.0/dbhome_1/olap/api/lib
```

3. Paste the copied jar to the Oracle BI EE location:

```
ORACLE_BI_EE_HOME/bifoundation/javahost/lib/obisintegration/aw/11g
```

As an alternative to performing the steps in this section, you can configure the Oracle BI Server to use a servlet for Oracle OLAP communication instead of the JavaHost. See [Section 1.12.1.7, "Configuring a Servlet for Oracle BI Server Communication with](#)

[Oracle OLAP](#)" for more information.

1.12.1.5 Must Use JDBC Connection String When Importing from Oracle OLAP

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Because the Administration Tool uses the JavaHost process to connect to Oracle OLAP data sources for metadata import, which uses JDBC to connect rather than OCI, you must provide a fully-qualified JDBC connection string (host:port:sid) for Data Source Name in the Import Wizard in the Administration Tool when importing from Oracle OLAP sources. Ensure that the JavaHost process can connect to the Oracle OLAP data source using this connection string.

After import is complete, you must update the connection pool object in the Physical layer for the Oracle OLAP source to change the Data Source Name to a valid OCI value, either a net service name or a full OCI connect string.

As an alternative to performing the steps in this section, you can configure the Oracle BI Server to use a servlet for Oracle OLAP communication instead of the JavaHost. See [Section 1.12.1.7, "Configuring a Servlet for Oracle BI Server Communication with Oracle OLAP"](#) for more information.

1.12.1.6 Using the BIServerT2PProvisioner.jar Utility to Change Connection Pool Passwords

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When moving the Oracle BI repository from test to production (T2P), you often need to change connection pool information for data sources, because the connection information in test environments is typically different from the connection information in production environments.

Connection pool passwords are encrypted and stored inside the encrypted repository file. Because of this, plain-text passwords must first be encrypted before they can be applied to an Oracle BI repository.

You can use the BIServerT2PProvisioner.jar utility to programmatically change and encrypt connection pool passwords in a repository. Note that the utility only works with repositories in RPD format; you cannot use the utility with MDS XML-format repositories. In addition, the utility requires JDK 1.6.

To use the BIServerT2PProvisioner.jar utility to change connection pool passwords:

1. Download patch 13093027 to obtain BIServerT2PProvisioner.jar. See [Section 1.1, "Obtaining Patches from My Oracle Support"](#) for more information about downloading patches.
2. Copy BIServerT2PProvisioner.jar into the `ORACLE_HOME/bifoundation/server/bin` directory on the computer where the Oracle BI Server is running.
3. Run bi-init to launch a command prompt or shell window that is initialized to the Oracle instance. You can find bi-init in:

```
ORACLE_INSTANCE/bifoundation/OracleBIApplication/coreapplication/setup
```

See "Running bi-init to Launch a Shell Window Initialized to Your Oracle Instance" in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition* for more information.

4. Run `BIServerT2PProvisioner.jar` using the `-generate` option to generate a template file where you can input the new passwords, as follows:

```
java -jar ORACLE_HOME/bifoundation/server/bin/BIServerT2PProvisioner.jar
-generate repository_name -output password_file
```

Where:

repository_name is the name and path of the Oracle BI repository that contains the connection pools for which you want to change passwords.

password_file is the name and path of the output password text file. This file contains the connection pool names from the specified repository.

Then, enter the repository password when prompted.

For example:

```
java -jar BIServerT2PProvisioner.jar -generate original.rpd -output
inputpasswords.txt
Enter the repository password: My_Password
```

5. Edit the password file to replace `<Change Password>` with the updated password for each connection pool. A sample password file might contain text such as following:

```
"SQLDB_UsageTracking"."UTCP" = <Change Password>
"SQLDB_Data"."Db Authentication Pool" = <Change Password>
```

Tip: Ensure that you edit only the text to the right of the equals sign. If you change the text to the left of the equals sign, then the syntax for the connection pool names is incorrect.

Save and close the password file when your edits are complete.

6. Run `BIServerT2PProvisioner.jar` again with the `-passwords` option, as follows:

```
java -jar BIServerT2PProvisioner.jar -passwords password_file
-input input_repository -output output_repository
```

Where:

password_file is the name and path of the text file that specifies the connection pools and their corresponding changed passwords.

input_repository is the name and path of the Oracle BI repository where you want to apply the changed passwords.

output_repository is the name and path of the output repository that contains the updated passwords.

Then, enter the repository password when prompted.

For example:

```
java -jar BIServerT2PProvisioner.jar -passwords inputpasswords.txt -input
original.rpd -output updated.rpd
Enter the repository password: My_Password
```

7. Oracle does not recommend leaving clear-text passwords available on the system. Instead, either delete the input password file completely, or encrypt it so that it cannot be viewed.

1.12.1.7 Configuring a Servlet for Oracle BI Server Communication with Oracle OLAP

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2

Platforms: All

You can optionally use a servlet for communication between the Oracle BI Server and Oracle OLAP data sources rather than relying on the JavaHost service. This approach avoids the issues described in the following sections:

- [Section 1.12.1.4, "Oracle OLAP Jars on JavaHost Computer Must Be Updated When Using Oracle OLAP 11.2.x"](#)
- [Section 1.12.1.5, "Must Use JDBC Connection String When Importing from Oracle OLAP"](#)

To deploy the biadminervlet for BI Server/Oracle OLAP communication:

1. Log on to the Oracle WebLogic Server Administration Console at:

`http://weblogic_server_host:port/console`

2. In the Change Center, click **Lock & Edit**.
3. Click **Deployments** in the Domain Structure window.
4. Click **Install**.
5. Select the biadminervlet.war file at:

`ORACLE_HOME/bifoundation/javahost/lib/obisintegration`

6. Accept all the defaults on the subsequent screens and then click **Finish**.
7. In the Change Center, click **Activate Changes**.

Upon successful deployment, biadminervlet is displayed in the Deployments table.

8. Download patch 13085711 to obtain the Enable Servlet.reg file. See [Section 1.1, "Obtaining Patches from My Oracle Support"](#) for more information about downloading patches.
9. Save the Enable Servlet.reg file to the desktop, then double-click it. Confirm that you want to make changes to the registry.

This file enables the servlet in the Administration Tool. If the Administration Tool is open, you must restart it after performing this step.

10. In the Administration Tool, provide the URL of the servlet when importing from Oracle OLAP sources in the Select Data Source page of the Import Metadata Wizard. The name of the servlet is `services`. For example, enter a string similar to the following in the **URL** field:

`http://localhost:9704/biadminervlet/services`

Note that the servlet must be up and running in order to use it. If you receive an import error, then check the status of the servlet in the Administration Console.

You can also refer to the Administration Server diagnostic log and the Domain log.

1.12.1.8 Enhancing Performance of Aggregates with TimesTen Release 11.2.2.3 or Later

Impacted Releases: 11.1.1.6.2

Platforms: All

The Oracle BI Server includes performance enhancements for creating aggregates in TimesTen Release 11.2.2.3. If the repository uses TimesTen Release 11.2.2.3 or later as the target database for creating aggregates, then you can use the following features to improve its performance:

- Disable Redo Logging
- Create Indexes in Parallel
- Perform database checkpoints in the background

To enable these features:

1. Open opmn.xml for editing. You can find opmn.xml at:

```
ORACLE_INSTANCE/config/OPMN/opmn/opmn.xml
```

2. Locate the ias-component tag for the Oracle BI Server process. For example:

```
<ias-component id="coreapplication_obis1" inherit-environment="true">
```

3. Under the <environment> subtag, update the following TimesTen variables:

```
<variable id="ORACLE_BI_TT_DISABLE_REDO_LOGGING" value="1"/>
  <!-- This disables redo-logging, enabling faster creation of aggregates.
  '0' if you wish to disable this feature. -->
<variable id="ORACLE_BI_TT_PARALLEL_INDEX_CREATION" value="1"/>
  <!-- This enables AggrPersist to create indexes in parallel, making
  creation of aggregates faster. '0' if you wish to create TimesTen indexes
  sequentially. -->
<variable id="ORACLE_BI_TT_BACKGROUND_CHECKPOINT_INTERVAL" value="10"/>
  <!-- This changes how often TimesTen will flush its data to disk. If this
  element is missing, the default is every 10 seconds. If explicitly set, it
  will flush to disk every N seconds, 10 in this example. '0' will disable
  background flushing. Enabling background flushing speeds up creation of
  aggregates, by avoiding a large blocking flush at the end of the aggregate
  creation process. -->
```

4. Save and close the file.
5. Restart OPMN.
6. Repeat these steps on each computer that runs the BI Server process. If you are running multiple BI Server instances on the same computer, then be sure to update the ias-component tag appropriately for each instance in opmn.xml (for example, ias-component id="coreapplication_obis1", ias-component id="coreapplication_obis2", and so on).

1.12.1.9 Performing Merges on Repositories That Contain System-Generated Tables Can Cause Loss of Metadata

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

Repository merge operations performed on repositories that contain system-generated physical tables, such as the physical tables created by the aggregate persistence engine, can cause loss of metadata on those objects. This loss of metadata can cause errors during subsequent aggregate persistence operations against the repository.

To avoid this issue, remove the aggregate tables from both the metadata and back-end databases using the Delete aggregates specification before performing repository

merges. See *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition* for more information about using the delete aggregates specification.

1.12.1.10 Create Aggregates Operations Can Time Out for TimesTen Targets

Impacted Releases: 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

In Release 11.1.1.6.2, Bundle Patch 1, creating aggregates in TimesTen using a 'create aggregates' script can sometimes cause the process to run for a long time and produces an error. If this occurs, open `nquery.log` and search for the key words 'Timed Out'.

You might find an error message similar to the following:

```
[nQSError: 16001] ODBC error state: 08S01 code: 0 message: [TimesTen][TimesTen
11.2.2.3.0 CLIENT]Communication link failure. System call select() failed with OS
error 10060. This operation has Timed Out. Try increasing your ODBC timeout
attribute or check to make sure the target TimesTen Server is running.]]
```

This error usually occurs in one of the following two situations:

- You used SQL Developer to connect to the TimesTen database instance before starting the 'create aggregates' process.
- You ran many queries against TimesTen (using Oracle BI Presentation Services or `nqcmd`) before starting the 'create aggregates' process.

To work around this issue, perform the steps as described for each use case.

To resolve time-outs related to using SQL Developer:

1. In SQL Developer, in the Tools menu, select **Preferences**, then select **Database**, then select **Advanced**.
2. Select the **AutoCommit** option.
3. Shut down SQL Developer.
4. Delete the aggregates you have created. See "Troubleshooting Aggregate Persistence" in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition* for more information on deleting aggregates.
5. Re-run the "create aggregates" script.

To resolve time-outs related to running many queries against TimesTen using Presentation Services or `nqcmd`:

1. Open the RPD in the Administration Tool in online mode.
2. Expand every TimesTen database in the Physical layer of the Oracle BI repository.
3. For each associated connection pool object, perform the following steps:
 - a. Right-click the connection pool and select **Properties**.
 - b. When asked to check out objects, select **Yes**.
 - c. On the General tab, deselect **Enable connection pooling**.
 - d. Select the Connection Scripts tab.
 - e. In the **Execute on connect** box, delete the following entries (and duplicates, if they exist):

```
call ttoptsetflag('rowlock',0)
```

```
call ttoptsetflag('tbllock',1)
call ttoptsetflag('mergejoin',0)
call ttoptsetflag('nestedloop',1)
```

- f.** In the **Execute before query** box, add the following five entries:

```
call ttoptsetflag('rowlock',0)
call ttoptsetflag('tbllock',1)
call ttoptsetflag('mergejoin',0)
call ttoptsetflag('nestedloop',1)
call ttoptsetflag('fastprepare',1)
```

- g.** In the **Execute after query** box, add the following single entry:

```
commit;
```

Be sure to repeat steps a through g for every TimesTen connection pool in the RPD.

4. Select **File**, then select **Check In Changes**. When asked to check Global Consistency, select **No**.
5. Select **File**, then select **Save**.
6. Still in the Administration Tool, for every connection pool object associated with a TimesTen database, perform the following steps:
 - a. Right-click the connection pool and select **Properties**.
 - b. When asked to check out objects, select **Yes**.
 - c. On the General tab, select **Enable connection pooling**.

Be sure to repeat steps a through c for every TimesTen connection pool in the RPD.

7. Select **File**, then select **Check In Changes**. When asked to check Global Consistency, select **No**.
8. Select **File**, then select **Save**.
9. Open opmn.xml for editing. You can find this file at:

```
ORACLE_INSTANCE/config/OPMN/opmn/opmn.xml
```

10. Locate the ias-component tag for the Oracle BI Server process. For example:

```
<ias-component id=" coreapplication_obis1">
```

11. Under the environment tag, insert the following element:

```
<variable id="TIMESTEN_DISABLE_CONNECITONPOOL_HINT" value="1"/>
```

Note: The misspelling in the id argument is intentional.

12. Save and close the file.
13. Delete the aggregates you have created. See "Troubleshooting Aggregate Persistence" in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition* for more information on deleting aggregates.
14. Re-run the "create aggregates" script.

1.12.1.11 Logical Display Folders Are Deleted During MUD Publish

Impacted Releases: 11.1.1.7

Platforms: All

When a developer working in a multiuser development (MUD) environment publishes changes involving the business model into the master repository, the logical display folders in the Business Model and Mapping layer are deleted.

There is no workaround for this issue.

1.12.1.12 Joining Essbase and Relational Sources in a Logical Table Source is Not Recommended

Impacted Releases: 11.1.1.9

Platforms: All

In the *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition*, in the section "Creating Logical Table Sources" the following note should be added:

"A repository that joins Essbase and relational sources in a single logical table source could result in unexpected plan processing (for example, pushing a time series function). This situation could also result in performance issues as all aggregations are processed by the BI Server after joining Essbase and relational sources. Oracle does not recommend joining Essbase to relational sources in logical table sources unless absolutely necessary."

1.12.2 Oracle BI Server Issues and Workarounds

This section describes issues and workarounds related to the Oracle BI Server.

- [Section 1.12.2.1, "Oracle Call Interface \(OCI\) Issue Causes Oracle BI Server Crash on Windows when Under Heavy Load and Connecting to Oracle Database 11g"](#)
- [Section 1.12.2.2, "Configuration Required for Microsoft SQL Server and Oracle BI Summary Advisor"](#)

1.12.2.1 Oracle Call Interface (OCI) Issue Causes Oracle BI Server Crash on Windows when Under Heavy Load and Connecting to Oracle Database 11g

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: Microsoft Windows (32-Bit)

Due to an issue in the Oracle Call Interface (OCI) client for the Oracle Database 11g, unexpected Oracle BI Server crashes might occur when the BI Server is running on Microsoft Windows platform and there are a significant number of concurrent users attempting to connect to the Oracle Database 11g.

The workaround is to apply a Windows patch bundle for Oracle Database Client 11.1.0.7, patch bundle 27 or higher.

1.12.2.2 Configuration Required for Microsoft SQL Server and Oracle BI Summary Advisor

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2

Platforms: All

When using Microsoft SQL Server with Oracle BI Summary Advisor, you must perform the proper configuration to connect from Oracle BI to the Microsoft SQL Server database.

To configure Microsoft SQL Server with Oracle BI Summary Advisor:

1. In the Physical layer of the Administration Tool, double click the Microsoft SQL Server database's connection pool.
2. In the Connection Pool dialog, select **Require fully qualified table names**.
3. Save the changes and close the dialog.
4. In the Physical layer, double-click the database.
5. In the Database dialog, click the Features tab.
6. In the Features tab, locate the NESTED_ORDERBY_SUPPORTED feature and disable it by deselect its **Value** option.
7. Save the changes and close the dialog.
8. Open the odbc.ini file. You can find this file at:

```
ORACLE_  
INSTANCE/bifoundation/OracleBIApplication/coreapplication/setup/odbc.in  
i
```
9. Locate the SQLSERVER_DB entry and modify it as follows:
 - If you are using the DataDirect 5.3 driver, then set QuoteID=Yes
 - If you are using the DataDirect 7.0.1 driver, then set EnableQuotedIdentifiers=1
10. Save and close the odbc.ini file.

1.12.3 Oracle BI Administration Tool Issues and Workarounds

This section describes issues and workarounds related to the Oracle BI Administration Tool.

- [Section 1.12.3.1, "Administration Tool Incorrectly Displays Option for Generate Deployment File"](#)
- [Section 1.12.3.2, "Issue with Online Import Object Checkout"](#)
- [Section 1.12.3.3, "Ignore RPD Consistency Warnings Related to Required Database Feature Changes for Oracle OLAP"](#)
- [Section 1.12.3.4, "Select Nullable Option for Root Member of Parent-Child Hierarchies from OLAP Sources"](#)
- [Section 1.12.3.5, "Administration Tool Fails to Launch from the Start Menu"](#)
- [Section 1.12.3.6, "Problems with Icons in Some Administration Tool Installations"](#)
- [Section 1.12.3.7, "Oracle BI Repository Can Become Corrupt When Objects Are Deleted in MUD Environments"](#)
- [Section 1.12.3.8, "Manually Map DFF VOs from ADF Data Sources into the Business Model and Mapping and Presentation Layers"](#)
- [Section 1.12.3.9, "Error Message Text Missing when Using Summary Advisor in Client Installations of the Administration Tool"](#)
- [Section 1.12.3.10, "Model Checker Not Enabled in Release 11.1.1.6.2"](#)
- [Section 1.12.3.11, "Publishing a Duplicate Dimension Object in a MUD Environment"](#)

1.12.3.1 Administration Tool Incorrectly Displays Option for Generate Deployment File

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

The Administration Tool provides an option in the Tools > Utilities window for Generate Deployment File. This option is displayed in error and should not be used.

1.12.3.2 Issue with Online Import Object Checkout

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When using the Administration Tool to import objects in online mode, related objects are not properly checked out. This can lead to repository corruption.

The workaround is to check out all objects before performing the import in online mode. To check out all objects, from the menu bar, select **Tools**, then select **Check Out All**.

1.12.3.3 Ignore RPD Consistency Warnings Related to Required Database Feature Changes for Oracle OLAP

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When using Oracle OLAP as a data source, the database type is set to Oracle 11g. However, Oracle OLAP data sources might require changes to the default set of database features for Oracle 11g, such as setting `ISDESCENDANT_SUPPORTED` to YES to enable parent-child hierarchies.

When the set of database features is changed from the default set, RPD consistency warnings occur when running the Consistency Checker. These warnings should be ignored.

1.12.3.4 Select Nullable Option for Root Member of Parent-Child Hierarchies from OLAP Sources

Impacted Releases: 11.1.1.5

Platforms: All

For parent-child hierarchies in the Physical layer from OLAP data sources, you must manually select the **Nullable** option in the Physical Cube Column dialog for the root member. This option must be selected for the root member for parent-child hierarchies (also called value-based hierarchies) to work correctly.

Alternatively, you can download and apply patch 12897870 as an alternative to manually setting the **Nullable** option. See [Section 1.1, "Obtaining Patches from My Oracle Support"](#) for more information about downloading patches.

1.12.3.5 Administration Tool Fails to Launch from the Start Menu

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2

Platforms: Microsoft Windows (64-Bit)

The Administration Tool fails to launch from Start menu in a non-English Windows 7 64-bit client installation. This is caused by the SERVER EVENT MSG MISSED.

The workaround is to launch the Administration Tool from *ORACLE_HOME\bifoundation\server\bin* directly as follows:

1. In Windows Explorer, go to the following location:
ORACLE_HOME\bifoundation\server\bin
2. Double-click *bi-init.cmd* to display a command prompt that is initialized to the Oracle instance.
3. At the command prompt, type *admintool* and press **Enter**.

1.12.3.6 Problems with Icons in Some Administration Tool Installations

Impacted Releases: 11.1.1.5, 11.1.1.6.0

Platforms: Microsoft Windows (32-Bit)

If the Administration Tool installation does not display toolbar icons correctly (for example, if the icons are displayed as empty squares), download and install the Microsoft Visual C++ 2005 Service Pack 1 Redistributable Package ATL Security Update appropriate for the platform. For example, download *vcredist_x64.exe* for 64-bit systems, or *vcredist_x86.exe* for 32-bit systems. After performing this task, the icons are displayed properly.

You can find the appropriate redistributable package for your system at the following link:

<http://www.microsoft.com/download/en/details.aspx?id=14431>

Alternatively, you can search based on the package title. For security reasons, you should only download redistributable packages from the Microsoft Web site.

1.12.3.7 Oracle BI Repository Can Become Corrupt When Objects Are Deleted in MUD Environments

Impacted Releases: 11.1.1.6.0

Platforms: All

If you use the multiuser development (MUD) environment, be aware that an issue has been identified that causes the Oracle BI repository to become corrupt when MUD objects are deleted. The corruption manifests itself as crashes during consistency checks and when certain utilities are run, such as *extractprojects*.

To resolve this issue, download and apply patch 13560202. See [Section 1.1, "Obtaining Patches from My Oracle Support"](#) for more information about downloading patches.

1.12.3.8 Manually Map DFF VOs from ADF Data Sources into the Business Model and Mapping and Presentation Layers

Impacted Releases: 11.1.1.6.2

Platforms: All

When you use the Import Metadata Wizard to import DFF VOs from ADF data sources, do not use the Map to Logical Model screen of the Import Metadata Wizard to automatically map them to the Business Model and Mapping and Presentation layers. When you use the Map to Logical Model screen to automatically map DFF VOs, all presentation columns that are related to the corresponding logical tables are deleted.

To work around this issue, manually map the DFF VOs into the other layers using drag-and-drop.

1.12.3.9 Error Message Text Missing when Using Summary Advisor in Client Installations of the Administration Tool

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2

Platforms: All

This issue is fixed in Release 11.1.1.6.2, Bundle Patch 1.

If an error occurs when you are using Oracle BI Summary Advisor in client installations of the Administration Tool, only an error code is displayed. The text of the error message is missing.

This problem happens because the Oracle Business Intelligence client installer does not install the error message file for Summary Advisor. This problem does not occur in full Oracle Business Intelligence installations on Windows.

To work around this issue, perform one of the following steps:

- Copy AggrAdvisor.xml from a full Oracle Business Intelligence installation (on any platform) to the client installation. For example, copy:

```
M\HOME1\Oracle_BI1\bifoundation\server\locale\l_en\AggrAdvisor.xml
```

to:

```
C:\Program Files\Oracle Business Intelligence Enterprise Edition Plus  
Client\oraclebi\orahome\bifoundation\server\locale\l_en\AggrAdvisor.xml
```

- Install the full installation of Oracle Business Intelligence on Windows. Use the Administration Tool that is included with the full installation.

Tip: If the NQSErrors 98033, 98038, 98039, or 98040 are displayed when Summary Advisor is launched, verify that the following elements exist and function correctly in the RPD and in NQSConfig.INI:

- Usage Tracking Table
- Usage Tracking Connection Pool
- Summary Advisor Table

See "Using Oracle BI Summary Advisor to Identify Query Candidates for Aggregation" in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition* for more information. After these elements are configured correctly, Summary Advisor functions normally.

1.12.3.10 Model Checker Not Enabled in Release 11.1.1.6.2

Impacted Releases: 11.1.1.6.2

Platforms: All

This issue is fixed in Release 11.1.1.6.2, Bundle Patch 1.

Although the Model Checker Manager dialog is visible in the Oracle BI Administration Tool and described in the documentation, Model Check Manager is not enabled in 11.1.1.6.2.

1.12.3.11 Publishing a Duplicate Dimension Object in a MUD Environment

Impacted Releases: 11.1.1.6.2, 11.1.1.7

Platforms: All

When a developer working in a multiuser development (MUD) environment performs a checkout that does not include a Dimension object in the master repository, there will be an issue if the developer subsequently creates the same Dimension object in the subset. When the developer publishes the changes, the existing Dimension object is overwritten with the newly created Dimension object. The correct behavior is for the system to publish a new Dimension object with "#1" appended to the name.

There is no workaround for this issue.

1.13 Oracle Business Intelligence System Administration Issues and Workarounds

This section describes issues and workarounds related to Oracle Business Intelligence system administration.

- [Section 1.13.1, "General System Administration Issues and Workarounds"](#)
- [Section 1.13.2, "Configuration Issues and Workarounds"](#)
- [Section 1.13.3, "Deployment, Availability, and Capacity Issues and Workarounds"](#)
- [Section 1.13.4, "Sign-in and Security Issues and Workarounds"](#)
- [Section 1.13.5, "Oracle BI Scheduler Issues and Workarounds"](#)
- [Section 1.13.6, "Oracle Essbase Suite Issues and Workarounds"](#)

Depending on your Oracle Fusion Middleware implementation, some information in Chapter 4, "Oracle Fusion Middleware Administration and Chapter 5, "Oracle Enterprise Manager Fusion Middleware Control" in *Oracle Fusion Middleware Infrastructure Release Notes* might also be relevant.

1.13.1 General System Administration Issues and Workarounds

This section describes general issues and workarounds related to Oracle Business Intelligence system administration.

There are no known issues at this time.

1.13.2 Configuration Issues and Workarounds

This section describes issues and workarounds related to configuring Oracle Business Intelligence components (including Answers, Dashboards, Agents, and the Oracle BI Presentation Catalog).

- [Section 1.13.2.1, "Removal of DefaultImageType and HardenXSS Elements"](#)
- [Section 1.13.2.2, "Updating the Default Currency for Analyses and Patching Considerations"](#)
- [Section 1.13.2.3, "Using the Alta User Interface Style with Oracle BI EE Presentation Services"](#)
- [Section 1.13.2.4, "Custom CSS Style Changes Are Not Affecting Dashboards"](#)

1.13.2.1 Removal of DefaultImageType and HardenXSS Elements

Impacted Releases: 11.1.1.5

Platforms: All

In Release 11.1.1.5, the following elements are no longer supported and should be removed from the instanceconfig.xml file:

- DefaultImageType element
- HardenXSS element

If the instanceconfig.xml file includes the HardenXSS element when a user starts Oracle BI EE, then an error message is displayed. The error log file states that startup was affected by the inclusion of the HardenXSS element.

The workaround is to remove the HardenXSS element from the instanceconfig.xml file.

1.13.2.2 Updating the Default Currency for Analyses and Patching Considerations

Impacted Releases: 11.1.1.3 to 11.1.1.7

Platforms: All

This entry supplements the section "Changing the Default Currency for Analyses" in the chapter "Configuring Currency Options" in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* for the release that you are using.

The currencies.xml file is overwritten when applying a patch of any kind (upgrade, patchset, bundle patch, or an interim patch). If you as the system administrator have made changes to this file, you need to reenter the changes in the new currencies.xml file after patching your system.

Oracle recommends that instead of modifying currencies.xml shipped by Oracle, you set the default currency using the CURRENCYTAG session variable, or if users configure their own preferred currencies, that you set the PREFERRED_CURRENCY session variable to the default value.

For information about session variables, see the section "Working with Session Variables" in the chapter "Using Variables in the Oracle BI Repository" in the *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition* for the Oracle BI release that you are using.

For information about session variables in analyses, see the topics about using and referencing session variables in the *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition* for the Oracle BI release that you are using.

1.13.2.3 Using the Alta User Interface Style with Oracle BI EE Presentation Services

Impacted Releases: 11.1.1.9

Platforms: All

Starting in Release 11.1.1.9.3 you can use the Alta style for the user interface in Oracle BI EE Presentation Services.

To change the user interface to use the Alta style, edit the instanceconfig.xml and configure the DefaultStyle and DefaultSkin elements to the values shown in the following example:

```
<ServerInstance>
  <UI>
```

```
<DefaultStyle>Alta</DefaultStyle>
<DefaultSkin>Alta</DefaultSkin>
</UI>
</ServerInstance>
```

For more information about changing the user interface style, see "Modifying the User Interface Styles for Presentation Services" in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition*.

1.13.2.4 Custom CSS Style Changes Are Not Affecting Dashboards

Impacted Releases: 11.1.1.9

Platforms: All

This entry supplements the section "Example of Modifying the Skyros Master Branding Class" in the chapter "Configuring and Managing Analyses and Dashboards" in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* for the release that you are using.

To ensure that a custom.css setting is used in Dashboards, add the text `!important` just before the colon (`:`) in the custom.css file. This stops other css-files opened after custom.css from overwriting the value.

For example, if you change the background-color on the masterBrandingArea class from black to a light grey and the text color from white to black. The branding area appears light grey for login, Home, Catalog, Analysis and logoff, but for Dashboards, the branding area is still black with white text. To retain the custom settings for Dashboards you add the word `!important` before the semi colon (`;`) as follows:

```
.masterBrandingArea
{
  background-color: #ffffff !important; /* white background */
  color: #333333 !important; /* almost black text color */
}
```

1.13.3 Deployment, Availability, and Capacity Issues and Workarounds

This section describes issues and workarounds related to enterprise deployments of Oracle Business Intelligence where high availability, capacity, and performance are typically a priority.

These issues are described in Chapter 6, "Oracle Fusion Middleware High Availability and Enterprise Deployment" in *Oracle Fusion Middleware Infrastructure Release Notes*.

1.13.4 Sign-in and Security Issues and Workarounds

This section describes issues and workarounds related to security and signing in to Oracle Business Intelligence.

Note: If you are experiencing security-related issues after upgrading from an earlier release, then also refer to [Section 1.6.2, "Security-related Upgrade Issues and Workarounds"](#).

This section includes the following topic:

- [Section 1.13.4.1, "Permission Required to Open Catalog Manager in Online Mode"](#)

1.13.4.1 Permission Required to Open Catalog Manager in Online Mode

Impacted Releases: 11.1.1.5

Platforms: All

Only users with the OPSS permission `oracle.bi.presentation.catman.manageCatalog` can open the Catalog Manager in online mode.

1.13.5 Oracle BI Scheduler Issues and Workarounds

This section describes issues and workarounds related to Oracle BI Scheduler.

There are no known issues at this time.

1.13.6 Oracle Essbase Suite Issues and Workarounds

This section describes issues and workarounds related to the system administration of Oracle Essbase Suite when installed as a component of Oracle Business Intelligence. For more information, see "Introduction to Using Oracle Essbase and Associated Components in Oracle Business Intelligence" in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition*.

This section contains the following topics:

- [Section 1.13.6.1, "Ensure that the Installation Uses a JDK Installed into a Folder that Does Not Contain Spaces"](#)
- [Section 1.13.6.2, "Essbase SQL Interface Using Oracle Call Interface \(OCI\) to Connect to Oracle Requires Oracle Instant Client"](#)
- [Section 1.13.6.3, "Options to Set Accessibility Preferences When Using Workspace Are Not Available"](#)
- [Section 1.13.6.4, "Issue with Dashboards Menu in EPM Workspace"](#)
- [Section 1.13.6.5, "Merant 6.1 ODBC Drivers Are Not Configured on Linux"](#)
- [Section 1.13.6.6, "Oracle BI EE Does Not Launch From Oracle Hyperion WorkSpace when Oracle Hyperion WorkSpace Web Server Uses Embedded WebLogic HTTP Server"](#)
- [Section 1.13.6.7, "Essbase Installed As Part Of An Oracle BI EE Installation Does Not Work When Oracle BI EE Is Configured to Use SSL"](#)
- [Section 1.13.6.8, "Setting New Password For Essbase Studio Prevents BIPLATFORM Database Account From Locking"](#)

1.13.6.1 Ensure that the Installation Uses a JDK Installed into a Folder that Does Not Contain Spaces

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

Installing a Java JDK is a prerequisite for a Software Only install. The particular JDK to use is one of the selections when installing Oracle WebLogic Server prior to installing Oracle Business Intelligence. The same JDK is used by Essbase when installed with Oracle Business Intelligence. On Windows, the default path when installing Java is into the Program Files folder. This location causes an issue for Essbase installed with Oracle Business Intelligence due to the spaces in the folder name. Therefore, on all platforms, ensure that when performing a Software Only installation of Oracle

Business Intelligence, you point to a Java JDK that is installed into a path that does not include spaces in the folder name.

1.13.6.2 Essbase SQL Interface Using Oracle Call Interface (OCI) to Connect to Oracle Requires Oracle Instant Client

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

To enable you to use the Oracle Call Interface (OCI) to source data for Essbase, you must install the Oracle Instant Client and configure Essbase to use it.

To install the Oracle Instant Client and configure Essbase to use it:

1. Download and install Oracle Instant Client on the server where Essbase is installed with Oracle Business Intelligence.

For more information, see:

<http://www.oracle.com/technetwork/database/features/instant-client/index-100365.html>

2. Open the opmn.xml file for editing in the following location:

MW_HOME/instances/instancen/config/OPMN/opmn/opmn.xml

3. Add the install location of the Instant Client to the LD_LIBRARY_PATH (Linux) or PATH (Windows) as follows:

```
...
</ias-component><ias-component id="essbaseserver1">
<process-type id="Essbase" module-id="ESS">
<environment>
..
<variable append="true" id="LD_LIBRARY_PATH"
value="$HYPERION_HOME/common/ODBC/Merant/6.0/lib$:ORACLE_
HOME/bifoundation/server/bin$:Oracle_
Home/jdk/jre/lib/amd64/server:$ESSBASEPATH/bin:<Oracle Instant Client Install
path>/instantclient_11_2"/>
<variable append="true" id="PATH"
value="$ARBORPATH/bin$:ESSBASEPATH/bin$:<Oracle Instant Client Install
path>/instantclient_11_2"/>
...
```

Replace *<Oracle Instant Client Install path>* with the path to the Oracle Instant Client.

4. Save the opmn.xml file.

1.13.6.3 Options to Set Accessibility Preferences When Using Workspace Are Not Available

Impacted Releases: 11.1.1.7

Platforms: All

In order to view Workspace content in accessibility mode, add the accessibility parameter to the Workspace URL as follows:

`http://<host>:<port>/workspace/index.jsp?accessibilityMode=true`

1.13.6.4 Issue with Dashboards Menu in EPM Workspace

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

When Oracle Business Intelligence Release 11.1.1.7 is integrated with EPM Workspace Release 11.1.2.2 or 11.1.2.3, you might find that the Dashboards menu fails when switching tabs in Workspace. To work around this issue, close and reopen the Dashboards tab in Workspace.

1.13.6.5 Merant 6.1 ODBC Drivers Are Not Configured on Linux

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

After you install Oracle Business Intelligence 11.1.1.7, the Merant 6.1 drivers are not fully configured.

To use these drivers you must manually edit the associated `odbc.ini` file located in:

`MW_HOME/Oracle_BI1/common/ODBC/Merant/6.1/odbc.ini`

Update the `<install_location>` element with the appropriate location of the drivers.

1.13.6.6 Oracle BI EE Does Not Launch From Oracle Hyperion WorkSpace when Oracle Hyperion WorkSpace Web Server Uses Embedded WebLogic HTTP Server

Impacted Releases: 11.1.1.9

Platforms: All

When Oracle Hyperion WorkSpace Web Server is configured to use the embedded WebLogic HTTP server, Oracle BI EE does not launch from Oracle Hyperion WorkSpace.

The workaround is to manually update the EPM System proxyservlet web.xml files.

To update the EPM system proxyservlet web.xml files:

1. Shut down all services and servlet instances related to the Oracle Hyperion Enterprise Performance Management System.
2. Use a suitable editor to open the web.xml file in the following location:
 - on Windows, `MW_HOME\user_projects\epmsystem1\httpConfig\EmbeddedWeblogicHttpServer\proxyservlet\WEB-INF\web.xml`
 - on UNIX, `MW_HOME/user_projects/epmsystem1/httpConfig/EmbeddedWeblogicHttpServer/proxyservlet/WEB-INF/web.xml`
3. Add the following entry to the web.xml file:

```
<servlet>
  <servlet-name>analyticsProxy</servlet-name>
<servlet-class>weblogic.servlet.proxy.HttpProxyServlet</servlet-class>
  <init-param>
    <param-name>redirectURL</param-name>
    <param-value>http://MyComputer:7001</param-value>
  </init-param>
  <init-param>
    <param-name>SecureProxy</param-name>
    <param-value>OFF</param-value>
  </init-param>
  <init-param>
    <param-name>KeepAliveEnabled</param-name>
```

```

        <param-value>true</param-value>
    </init-param>
    <init-param>
        <param-name>KeepAliveSecs</param-name>
        <param-value>20</param-value>
    </init-param>
    <init-param>
        <param-name>WLProxySSL</param-name>
        <param-value>ON</param-value>
    </init-param>
</servlet>
<servlet-mapping>
    <servlet-name>analyticsProxy</servlet-name>
    <url-pattern>/analytics/*</url-pattern>
</servlet-mapping>
<servlet>
    <servlet-name>xmlpserverProxy</servlet-name>
<servlet-class>weblogic.servlet.proxy.HttpProxyServlet</servlet-class>
    <init-param>
        <param-name>redirectURL</param-name>
        <param-value>http://MyComputer:7001</param-value>
    </init-param>
    <init-param>
        <param-name>SecureProxy</param-name>
        <param-value>OFF</param-value>
    </init-param>
    <init-param>
        <param-name>KeepAliveEnabled</param-name>
        <param-value>true</param-value>
    </init-param>
    <init-param>
        <param-name>KeepAliveSecs</param-name>
        <param-value>20</param-value>
    </init-param>
    <init-param>
        <param-name>WLProxySSL</param-name>
        <param-value>ON</param-value>
    </init-param>
</servlet>
<servlet-mapping>
    <servlet-name>xmlpserverProxy</servlet-name>
    <url-pattern>/xmlpserver/*</url-pattern>
</servlet-mapping>

```

4. Replace the two occurrences of MyComputer:7001 in the text you just inserted with the host name and port number where Oracle BI EE is installed.
5. Save and close the web.xml file.
6. Use a suitable editor to open the web.xml file in the following location:
 - on Windows, *MW_HOME*\user_projects\domains\EPMSys_{tem}\servers\EPMServer0\stage\proxyservlet\11.1.2.2\proxyservlet\WEB-INF\web.xml
 - on UNIX,

MW_HOME/user_projects/domains/EPMSys_{tem}/servers/EPMServer0/stage/proxyservlet/11.1.2.2/proxyservlet/WEB-INF/web.xml
7. Repeat steps 3 to 5 above.

8. Restart Oracle Hyperion EPM services and servlets.

1.13.6.7 Essbase Installed As Part Of An Oracle BI EE Installation Does Not Work When Oracle BI EE Is Configured to Use SSL

Impacted Releases: 11.1.1.9

Platforms: All

You can configure an Oracle BI EE installation so that all the components communicate using the SSL protocol, with the exception of the Essbase component. Note that if you install Essbase as part of an Oracle BI EE installation, Essbase cannot communicate using SSL. If you configure an Oracle BI EE installation that includes Essbase to use SSL, the Essbase component will not work.

There are two possible workarounds. The one to choose depends on whether you want Essbase to use SSL.

Workaround 1

If you want to enable Essbase to use a non-SSL protocol but you want the other Oracle BI EE components to always use SSL, then you must:

- enable the non-SSL port to the Weblogic Managed Server for Essbase to use
- add a filter of IP addresses to the Weblogic Network Connections to prevent the other Oracle BI EE components from using the non-SSL port

Workaround 2

If you want Essbase to use SSL, then you must install and configure Essbase as part of an EPM installation rather than an Oracle BI EE installation.

1.13.6.8 Setting New Password For Essbase Studio Prevents BIPLATFORM Database Account From Locking

Impacted Releases: 11.1.1.9

Platforms: All

When Essbase is installed with Oracle Business Intelligence 11.1.1.9.0, the BIPLATFORM database user account can become locked when Essbase Studio and Essbase Server components are running.

To prevent the BIPLATFORM database user account from becoming locked you must set a new password (the same password) in each of the following files:

[MW_HOME]/instances/instance1/config/foundation/11.1.2.0/reg.properties

[MW_HOME]/instances/instance1/EssbaseStudio/essbasestudio1/bin/server.properties

After you set the new password in each of the above files, restart the Essbase components the BIPLATFORM database user account does not get locked.

1.14 Oracle Business Intelligence Integration and API Issues and Workarounds

This section describes issues and workarounds related to integrating Oracle Business Intelligence with other products, including the use of Oracle Business Intelligence APIs.

- [Section 1.14.1, "General Integration Issues and Workarounds"](#)
- [Section 1.14.2, "Oracle Business Intelligence API Issues and Workarounds"](#)

1.14.1 General Integration Issues and Workarounds

This section describes general issues and workarounds related to integrating Oracle Business Intelligence with other products.

There are no known issues at this time.

1.14.2 Oracle Business Intelligence API Issues and Workarounds

This section describes issues and workarounds related to the use of Oracle Business Intelligence APIs.

There are no known issues at this time.

1.15 Oracle Business Intelligence Localization Issues and Workarounds

This section describes issues and workarounds related to integrating Oracle Business Intelligence with other products, including the use of Oracle Business Intelligence APIs.

- [Section 1.15.1, "Product Localization Issues and Workarounds"](#)
- [Section 1.15.2, "Help System Localization Issues and Workarounds"](#)

1.15.1 Product Localization Issues and Workarounds

This section describes issues and workarounds related to the localization of Oracle Business Intelligence products.

- [Section 1.15.1.1, "Unable to Save Strings with Multibyte Characters to an External File Using ANSI Encoding"](#)
- [Section 1.15.1.2, "BI Publisher User Interface Components Do Not Support Supplementary Characters"](#)
- [Section 1.15.1.3, "Non-English Log Files Displayed Incorrectly in Fusion Middleware Control"](#)
- [Section 1.15.1.4, "Error Messages in BI Publisher Data Model Editor Honor Server Locale Setting"](#)
- [Section 1.15.1.5, "Incorrect Layout in Tables and Pivot Tables in PDF Files and PowerPoint Presentations When Locale for BI Server Is Arabic or Hebrew"](#)
- [Section 1.15.1.6, "Excel2007 Output in BI Publisher Does Not Honor Locale Settings for Number and Date Format"](#)
- [Section 1.15.1.7, "Excel2007 Output in BI Publisher Supports Gregorian Calendar Only"](#)
- [Section 1.15.1.8, "Template Builder for Microsoft Word Chart Wizard Does Not Format Dates"](#)
- [Section 1.15.1.9, "Number and Date Format Issues with Charts in BI Publisher Layout Templates"](#)
- [Section 1.15.1.10, "BI Publisher Report Creation Wizard "Select Columns" Step Does Not Render Properly When UI Language Is Francais"](#)

- [Section 1.15.1.11, "Albany Fonts Delivered with BI Publisher for PDF Output Do Not Support Bold and Italic for Multibyte Characters"](#)

1.15.1.1 Unable to Save Strings with Multibyte Characters to an External File Using ANSI Encoding

Impacted Releases: 11.1.1.5

Platforms: All

When trying to export externalized strings that contain multibyte characters, the option to save the file using ANSI encoding does not work properly.

To work around this problem, save the file using UTF-8 or Unicode encoding.

1.15.1.2 BI Publisher User Interface Components Do Not Support Supplementary Characters

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: All

BI Publisher does not support supplementary characters in object names in the user interface, for example, report name, data model name, layout name, and so on. The data model editor does not support supplementary characters in SQL queries. The scheduler does not support supplementary characters in input fields such as e-mail subject and message fields.

To work around this issue, do not use supplementary characters in the BI Publisher user interface. If the database table and column names already include supplementary characters, then you cannot use the data model editor to retrieve the data from these.

1.15.1.3 Non-English Log Files Displayed Incorrectly in Fusion Middleware Control

Impacted Releases: 11.1.1.5

Platforms: All

You might have log files for Presentation Services, Oracle BI Scheduler, and Cluster Controller that have been translated to languages other than English. You might find that the content of these log files is not displayed correctly in the Diagnostic Log table and in tooltips in Fusion Middleware Control.

To work around this issue, enter the following property for logreader in the component-logs.xml file in the *ORACLE_INSTANCE*/config directory:

```
<property name="encoding" value="UTF-8"/>
```

Add the property in the component-logs.xml file in the following subdirectories: OracleBIPresentationServicesComponent, OracleBISchedulerComponent, and OracleBIClusterControllerComponent.

1.15.1.4 Error Messages in BI Publisher Data Model Editor Honor Server Locale Setting

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Error messages invoked while working in the BI Publisher data model editor might display according to the server locale setting rather than the user interface locale setting.

This issue has no workaround.

1.15.1.5 Incorrect Layout in Tables and Pivot Tables in PDF Files and PowerPoint Presentations When Locale for BI Server Is Arabic or Hebrew

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

If the locale for the Oracle BI Server is Arabic or Hebrew, then no matter what the client locale for Presentation Services is, you notice the following issues with tables and pivot tables in PDF files and PowerPoint presentations:

- The printed layout for tables and pivot tables is always Right to Left.
- Digit glyphs (such as number/date values) are always displayed as Arabic characters for Arabic only.

To work around this issue, perform the following steps:

1. Update the opmn.xml file in the following directory:
MWHOME/instances/instance1/config/OPMN/opmn/opmn.xml
2. Locate the XML node called `<ias-component id="coreapplication_obijh1">`.
The node should contain an XML node called
`<process-type id="OracleBIJavaHostComponent" module-id="CUSTOM">`
3. Under this process-type node, modify the value attribute of the node:
`<data id="start-args" value="-server...`
Add the following to the value attribute:
`-Duser.language=en -Duser.region=US`
4. Save your changes to the file and restart the JavaHost component.

1.15.1.6 Excel2007 Output in BI Publisher Does Not Honor Locale Settings for Number and Date Format

Impacted Releases: 11.1.1.5

Platforms: All

The Excel2007 output format does not honor locale settings for some number and date fields coded to be locale-sensitive in the layout template.

1.15.1.7 Excel2007 Output in BI Publisher Supports Gregorian Calendar Only

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

The following calendars are not supported for Excel 2007 output format. The report output reverts to use the GREGORIAN calendar.

- ARABIC_HIJRAH
- ENGLISH_HIJRAH
- JAPANESE_IMPERIAL
- THAI_BUDDHA
- ROC_OFFICIAL (Taiwan)

1.15.1.8 Template Builder for Microsoft Word Chart Wizard Does Not Format Dates

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When you drag and drop a date type value (for example: "1900-12-31T14:15:16.178-04:00") to the label of a chart, the value is not formatted according to the locale setting; instead, the value displays as given (that is, 1900-12-31T14:15:16.178-04:00").

To work around this issue, format the date in the data model; or, if you are familiar with XSL-T, manually change the date field using the function, for example: `xdoxslt:xdo_format_date($_XDOXSLTCTX, (./date)[1], 'MEDIUM')`

1.15.1.9 Number and Date Format Issues with Charts in BI Publisher Layout Templates

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

When editing a BI Publisher layout template, if you add a number type column to the y-axis of a chart (for example, a vertical bar chart), the number format does not reflect the UI language. At runtime, the proper locale is displayed in the Report Viewer.

When you add a date column to the x-axis, the raw data is displayed in the chart (that is, no format is applied at all). At run time, the date does respect the report locale for output types other than interactive and PowerPoint.

1.15.1.10 BI Publisher Report Creation Wizard "Select Columns" Step Does Not Render Properly When UI Language Is Francais

Impacted Release: 11.1.1.6.0, 11.1.1.6.2

Platforms: All

When the UI language setting is Francais, the Report Creation Wizard dialog for the step "Select Columns" does not render the navigation buttons properly. To work around this issue, at Step 2 of the Report Creation Wizard, select **Use Report Editor** to bypass the Select Columns step.

1.15.1.11 Albany Fonts Delivered with BI Publisher for PDF Output Do Not Support Bold and Italic for Multibyte Characters

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

Bold and italic for multibyte characters (for example, Simplified Chinese, Traditional Chinese, Japanese and Korean) do not display well in PDF output. This is because the Albany fonts delivered with BI Publisher do not support bold and italic for multibyte characters.

To work around this issue, install a font that does support the required emphasis (for example, the bold Japanese font Meiryō Bold (meiryob.ttc)). Then use BI Publisher font mapping to map the font so BI Publisher can find it at run time. For more information about font mapping, see "Defining Font Mappings" in the *Oracle Fusion Middleware Report Designer's Guide for Oracle Business Intelligence Publisher*.

1.15.2 Help System Localization Issues and Workarounds

This section describes issues and workarounds related to the localization of Oracle Business Intelligence help systems.

- [Section 1.15.2.1, "Oracle Business Intelligence Help Systems Are Not Translated"](#)

1.15.2.1 Oracle Business Intelligence Help Systems Are Not Translated

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

In Release 11.1.1.3 and Release 11.1.1.5, none of the Oracle Business Intelligence help systems are translated.

In subsequent releases, the following Oracle Business Intelligence help systems are translated:

- Oracle BI Presentation Services Online Help
- Oracle Marketing Segmentation Online Help
- Oracle BI Add-in for Microsoft Office Online Help

For details of the languages into which the help systems have been translated, refer to the Oracle Business Intelligence certification document at:

<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

1.16 Oracle Exalytics In-Memory Machine Issues and Workarounds

Issues and workarounds related to Oracle Exalytics In-Memory Machine are described in *Oracle Exalytics Release Notes*, which is included in the Oracle Exalytics Documentation Library, at http://docs.oracle.com/cd/E27027_01/doc.1/e35146/toc.htm.

1.17 Oracle Business Intelligence Documentation Errata

This section describes errata in Oracle Business Intelligence documentation and help systems.

- [Section 1.17.1, "General Oracle Business Intelligence Documentation Errata"](#)
- [Section 1.17.2, "Oracle Fusion Middleware Quick Installation Guide for Oracle Business Intelligence"](#)
- [Section 1.17.3, "Oracle Fusion Middleware Installation Guide for Oracle Business Intelligence"](#)
- [Section 1.17.4, "Oracle Fusion Middleware Upgrade Guide for Oracle Business Intelligence Enterprise Edition"](#)
- [Section 1.17.5, "Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition"](#)
- [Section 1.17.6, "Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Mobile"](#)
- [Section 1.17.7, "Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition"](#)

- [Section 1.17.8, "Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition"](#)
- [Section 1.17.9, "Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition"](#)
- [Section 1.17.10, "Oracle Fusion Middleware Enterprise Deployment Guide for Oracle Business Intelligence"](#)
- [Section 1.17.11, "Oracle Fusion Middleware Developer's Guide for Oracle Business Intelligence Enterprise Edition"](#)
- [Section 1.17.12, "Oracle Fusion Middleware Integrator's Guide for Oracle Business Intelligence Enterprise Edition"](#)
- [Section 1.17.13, "Oracle Fusion Middleware XML Schema Reference for Oracle Business Intelligence Enterprise Edition"](#)
- [Section 1.17.14, "Oracle Fusion Middleware Scheduling Jobs Guide for Oracle Business Intelligence"](#)
- [Section 1.17.15, "Oracle Fusion Middleware Developer's Guide for Oracle Business Intelligence Publisher"](#)
- [Section 1.17.16, "Oracle Business Intelligence Help System Errata"](#)

1.17.1 General Oracle Business Intelligence Documentation Errata

This section describes general errata in the Oracle Business Intelligence documentation.

There are no known issues at this time.

1.17.2 *Oracle Fusion Middleware Quick Installation Guide for Oracle Business Intelligence*

This section describes documentation errata in *Oracle Fusion Middleware Quick Installation Guide for Oracle Business Intelligence*.

There are no known issues at this time.

1.17.3 *Oracle Fusion Middleware Installation Guide for Oracle Business Intelligence*

This section describes documentation errata in *Oracle Fusion Middleware Installation Guide for Oracle Business Intelligence*.

- [Section 1.17.3.1, "Installation Guide Contains Misinformation About Installing the Client Tools"](#)
- [Section 1.17.3.2, "Installation Guide Contains Misinformation About pasteBinary Script"](#)
- [Section 1.17.3.3, "List of Supported Oracle BI Client Tools for Microsoft Windows x64"](#)
- [Section 1.17.3.4, "Installation Guide Contains Misinformation About Installing on a Hardened Database"](#)
- [Section 1.17.3.5, "Installation Guide Contains Misinformation About Support for Oracle WebLogic Server 10.3.5"](#)

1.17.3.1 Installation Guide Contains Misinformation About Installing the Client Tools

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Installation Guide for Oracle Business Intelligence* (E10539-03).

Oracle Fusion Middleware Installation Guide for Oracle Business Intelligence contains the following misinformation in regard to installing the Oracle Business Intelligence clients:

- Section 5.1.1, "About Oracle Business Intelligence Client Tools," states:

"32-bit versions of the Oracle Business Intelligence client tools are installed automatically when you install Oracle Business Intelligence on a computer running a 32- or 64-bit Windows operating system."

The previous statement incorrectly implies that the Oracle Business Intelligence xxx Installer always installs 32-bit versions of the client tools. Rather, 32-bit versions of the Oracle Business Intelligence xxx Installer install 32-bit versions of the client tools, while 64-bit versions of the Oracle Business Intelligence xxx Installer install 64-bit versions of the client tools.

- Section 5.1.2, "Considerations for Installing Oracle Business Intelligence Client Tools" states:

"The Oracle Business Intelligence Enterprise Edition Plus Client Installer installs 32-bit versions of the client tools."

The previous statement incorrectly implies that the Oracle Business Intelligence Enterprise Edition Plus Client Installer always installs all of the available client tools. Rather, it installs just two client tools—the Oracle Business Intelligence Administration Tool and Oracle Business Intelligence Job Manager. It does not install the Oracle Business Intelligence Catalog Manager. Only the Windows version of the Oracle Business Intelligence xxx Installer installs all three client tools.

Therefore, if you want or require the Oracle Business Intelligence Catalog Manager, you must install the client tools using the Oracle Business Intelligence xxx Installer, and not the Oracle Business Intelligence Enterprise Edition Plus Client Installer.

1.17.3.2 Installation Guide Contains Misinformation About pasteBinary Script

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2

Platforms: All

Chapter 4 includes two sections "Considerations and Limitations of Enterprise Install Type for New Installations" and "Software Only Install" that include mention of the pasteBinary script not being supported with Oracle Business Intelligence installations that were installed on 64-bit operating systems using the Enterprise Installation type. This lack of support has been lifted and the script can be used in this case. Therefore, these mentions must be removed from the guide.

1.17.3.3 List of Supported Oracle BI Client Tools for Microsoft Windows x64

Platforms: Microsoft Windows (64-Bit)

Section 4.6.1, "Installing Oracle Business Intelligence Client Tools" of the *Oracle Fusion Middleware Installation Guide for Oracle Business Intelligence*, incorrectly lists the following as not supported on Microsoft Windows x64:

- Oracle Business Intelligence ODBC Driver
- Oracle Business Intelligence JDBC Driver

1.17.3.4 Installation Guide Contains Misinformation About Installing on a Hardened Database

Impacted Releases: 11.1.1.3, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Installation Guide for Oracle Business Intelligence* (E10539-06).

Chapter 4, Section 4.1: Before You Install Oracle Business Intelligence, contains points to keep in mind before you install Oracle Business Intelligence. The seventh point in the list is to ensure that the database is not hardened for security purposes as installing Oracle Business Intelligence against a hardened database is not supported, which is incorrect. The point should read as follows:

Oracle does not support installing Oracle Business Intelligence against a hardened database. You can, however, harden the database after you install Oracle Business Intelligence. To enable RCU and Oracle Business Intelligence xxx Installer to connect to a hardened database, perform one of the following actions:

- Temporarily enable a non-encrypted port that is behind a firewall.
- Use network-level VPN or another secure network environment instead of the application-level secure sockets layer (SSL).

1.17.3.5 Installation Guide Contains Misinformation About Support for Oracle WebLogic Server 10.3.5

Impacted Releases: 1.0.0.9

Platforms: All

Chapter 2, Section 2.2.3.2: Installing Multiple, Standalone Oracle Business Intelligence Instances on a Single Computer, contains instructions on how to install multiple standalone Oracle Business Intelligence instances on a single computer. The third line of the second bullet point states that this version of Oracle Business Intelligence supports both Oracle WebLogic Server 10.3.5 and Oracle WebLogic Server 10.3.6. This is incorrect. Oracle Business Intelligence 11.1.1.9.0 supports only Oracle WebLogic Server 10.3.6 and not Oracle WebLogic Server 10.3.5.

1.17.4 Oracle Fusion Middleware Upgrade Guide for Oracle Business Intelligence Enterprise Edition

This section describes documentation errata in *Oracle Fusion Middleware Upgrade Guide for Oracle Business Intelligence*.

- [Section 1.17.4.1, "Incorrect Information on Aggregation"](#)
- [Section 1.17.4.2, "Incorrect Information on Database Authentication"](#)

1.17.4.1 Incorrect Information on Aggregation

Impacted Releases: 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Upgrade Guide for Oracle Business Intelligence* (E10541-06).

Appendix B includes a table that describes possible changes with Oracle BI EE content after an upgrade from 10g to 11g. One row in the table describes a change to the aggregate rule for running aggregates after upgrade. The row states the following:

RSUM(), RCOUNT() = Aggregation Rule: Sum

which is incorrect. The line should read as follows:

RSUM(), RCOUNT() = Aggregation Rule: Max

1.17.4.2 Incorrect Information on Database Authentication

Impacted Releases: 11.1.1.7.0, 11.1.1.7.1, and 11.1.1.7.10

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Upgrade Guide for Oracle Business Intelligence* (E16452-08).

Chapter 5 section 5.5.1 "Before Running Upgrade Assistant" step 2 mentions that if you used the `nqsconfig.ini` file parameter `AUTHENTICATION_TYPE = DATABASE` in the 10g system for database authentication, then you must copy it to the 11g version of the file. This is incorrect as 11g does not support database authentication using `nqsconfig.ini`.

Step 2 should read as follows:

If you configured the `nqsconfig.ini` file in the 10g system for database authentication, then in the 11g system you must follow the instructions in "Configuring an Oracle Database as the Security Store" in the *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition*.

1.17.5 Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition

This section describes documentation errata in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition*.

- [Section 1.17.5.1, "Oracle BI Mobile: Embedding a Dashboard or Answers Report Link in an E-mail"](#)
- [Section 1.17.5.2, "Oracle BI Mobile: Easy Access to Dashboards"](#)
- [Section 1.17.5.3, "Incorrect Default Value for Print Rows Component of the Print & Export Options Dialog in "Enhancements to the Export Functionality" in "New Features for Oracle Business Intelligence Users"](#)
- [Section 1.17.5.4, "Information about Oracle Hyperion Smart View for Office Must Be Ignored"](#)
- [Section 1.17.5.5, "Columns from Multiple Subject Areas Included in a Single Query Must Be Compatible"](#)
- [Section 1.17.5.6, "Error in the "How Will Prompts Created in Previous Versions Be Upgraded?" Topic in Chapter 6, "Prompting in Dashboards and Analyses"](#)
- [Section 1.17.5.7, "Content Missing from Appendix E, "User Interface Reference," "Edit Page Settings dialog" Topic, Prompt Buttons Field"](#)

- Section 1.17.5.8, "Incorrect Default Pixel Value Specified in Chapter 6, "Prompting in Dashboards and Analyses" and Appendix E, "User Interface Reference""
- Section 1.17.5.9, "Error in the "Actions that Invoke Operations, Functions or Processes in External Systems" Topic in Chapter 10, "Working with Actions""
- Section 1.17.5.10, "Error in the "Show More Columns dialog" Topic in Appendix E, "User Interface Reference""
- Section 1.17.5.11, "Error in the "New Filter dialog" Topic in Appendix E, "User Interface Reference""
- Section 1.17.5.12, "Information on View Latest Version Feature in Error"
- Section 1.17.5.13, "Changes to the Instructions for Installing and Configuring BI Composer"
- Section 1.17.5.14, "Mentions of the KPI Editor: Data Input Security Page Must Be Ignored"
- Section 1.17.5.15, "Misinformation About Oracle Endeca Server and Full-Text Search"
- Section 1.17.5.16, "Breadcrumbs Disabled for Embedded Objects in ADF"
- Section 1.17.5.17, "Note on Fixed Headers with Scrolling Content Is Incorrect"
- Section 1.17.5.18, "Misinformation About Adding HTML Code in Prompt Labels"
- Section 1.17.5.19, "Enable on Totals for Action Links Not Described"
- Section 1.17.5.20, "Use of Multiple Values in Presentation Variable on Dashboards Not Described"
- Section 1.17.5.21, "Changes to the Instructions for Installing and Configuring Oracle BI Add-in for Microsoft"

1.17.5.1 Oracle BI Mobile: Embedding a Dashboard or Answers Report Link in an E-mail

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Mobile* (E25318-02).

The Oracle Business Intelligence Mobile application allows you to e-mail a link to the BI content you are viewing. When viewing an Answers report or a dashboard page, tap the Email icon to launch an e-mail window; a link to the Answers report or Dashboard is then embedded in the body of the e-mail.

On the iPad, the Email icon is displayed at the bottom of the Oracle BI Mobile application. On the iPhone, tap the Actions icon to access the Email icon.

This feature works only if you have set up an e-mail account on the iPhone or iPad device.

1.17.5.2 Oracle BI Mobile: Easy Access to Dashboards

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Mobile* (E25318-02).

When you tap the Catalog icon in the Oracle Business Intelligence Mobile application on the iPad or iPhone, you see two tabs at the top of the screen: a Catalog tab and a Dashboards tab. Tap the Dashboards tab to display a list of top-level dashboards you have access to. This list is identical to the list of dashboards you see when logged into Oracle BI EE with the desktop application.

1.17.5.3 Incorrect Default Value for Print Rows Component of the Print & Export Options Dialog in "Enhancements to the Export Functionality" in "New Features for Oracle Business Intelligence Users"

Impacted Releases: 11.1.1.9

Platforms: All

The default value for the **Print Rows** component of the **Print & Export Options** dialog is incorrectly given as **All**. The default value is **Visible**.

1.17.5.4 Information about Oracle Hyperion Smart View for Office Must Be Ignored

Impacted Releases: 11.1.1.5, 11.1.1.6.0

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition* (E10544-04).

Various sections of *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition* include mention of Oracle Hyperion Smart View for Office. All mentions of Smart View must be ignored, as described in [Section 1.4.2, "Oracle Hyperion Smart View for Office Not Supported in Oracle Business Intelligence 11g, Releases 11.1.1.5, 11.1.1.6.0, and 11.1.1.6.2."](#)

1.17.5.5 Columns from Multiple Subject Areas Included in a Single Query Must Be Compatible

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition* (E10544-03).

The following additional information is available for the topic "What Are Subject Areas and Columns?" in Chapter 2, "Creating Analyses:"

Typically, when you query a single subject area, all the columns exposed in that subject area are compatible with all the dimensions exposed in the same subject area. However, when you combine columns and dimensions from multiple subject areas, you must ensure that you do not include combinations of columns and dimensions that are incompatible with one another.

For example, a column in one subject area might not be dimensioned by Project. If columns from the Project dimension from another subject area are added to the request along with the columns that are not dimensioned by Project, then the query might fail to return results, or cause the Oracle BI Server error "No fact table exists at the requested level of detail: XXXX."

1.17.5.6 Error in the "How Will Prompts Created in Previous Versions Be Upgraded?" Topic in Chapter 6, "Prompting in Dashboards and Analyses"

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition* (E10544-03).

The "How Will Prompts Created in Previous Versions Be Upgraded?" topic in Chapter 6, "Prompting in Dashboards and Analyses" contains an incorrect reference to the **Text Field Width** field. This topic should instead reference the **Choice List Value** field. The revised paragraph should read as follows:

The **Choice List Value** field located in the "New Prompt dialog" is set by default to 120 pixels. Note that this value is different if the Administrator modified the default pixel value in the Oracle BI EE configuration file.

1.17.5.7 Content Missing from Appendix E, "User Interface Reference," "Edit Page Settings dialog" Topic, Prompt Buttons Field

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition* (E10544-03).

Information that describes the Prompt Buttons field is missing from the "Edit Page Settings dialog" topic. The following paragraph includes information about the field:

Prompt Buttons

Use this field to specify if you want the **Apply** and **Reset** buttons to display beside the prompt field or above the prompt field.

1.17.5.8 Incorrect Default Pixel Value Specified in Chapter 6, "Prompting in Dashboards and Analyses" and Appendix E, "User Interface Reference"

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition* (E10544-03).

In the "How Will Prompts Created in Previous Versions Be Upgraded?" topic in Chapter 6, "Prompting in Dashboards and Analyses," the default pixel value specified for the **Choice List Width** field and for the **Set width of all prompts to** field is incorrect. The default pixel value is 120, not 250.

In Appendix E, "User Interface Reference," the default pixel value specified for the **Choice List Width** field in the "New Prompt dialog" topic and for the **Set width of all prompts to** field in the "Edit Page Settings" dialog is incorrect. The default pixel value is 120, not 250.

1.17.5.9 Error in the "Actions that Invoke Operations, Functions or Processes in External Systems" Topic in Chapter 10, "Working with Actions"

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition* (E10544-03).

The "Actions that Invoke Operations, Functions, or Processes in External Systems" topic in Chapter 10, "Working with Actions" includes a **Note** referencing the

USERSCRIPT.ADFAction function. This **Note**, which is included in the bullet that describes the Invoke a Browser Script action, is in error. The USERSCRIPT.ADFAction function is not supported in this release.

1.17.5.10 Error in the "Show More Columns dialog" Topic in Appendix E, "User Interface Reference"

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition (E10544-03)*.

The definitions of Variance and % Variance in Table E-7, Commonly Used KPI Data Columns in the "Show More Columns dialog" topic in Appendix E, "User Interface Reference" contain an error and need to be corrected (the example variance should be -50,000, not 50,000 and the example % variance should be -7.7%, not 7.7%).

The definitions should read as follows:

- **Variance:** Displays the value by which the KPI's actual value differs from its target value. For example if the actual value for a Net Profit KPI is 600,000 and its target is 650,000, then the variance is -50,000.
- **% Variance:** Displays the percent by which the KPI's actual value differs from its target value. For example if the actual value for a Net Profit KPI is 600,000 and its target is 650,000, then the variance as a percent is -7.7%

1.17.5.11 Error in the "New Filter dialog" Topic in Appendix E, "User Interface Reference"

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition (E10544-03)*.

The "New Filter dialog" topic requires the following corrections: The topic states that if the repository is configured for double columns, then you can specify to display code values if you use the "is between" operator. This statement is incorrect. You cannot display or select code values nor can you filter by code values with the "is between" operator. You can display, select, and filter by only display values with that operator.

The topic includes mention of the Select by Code Column and Filter by Code Column fields. These fields are not available with the "is between" operator.

1.17.5.12 Information on View Latest Version Feature in Error

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

The "BI Publisher Report Properties dialog" topic in Appendix E, "User Interface Reference" and the "Selecting a BI Publisher Report for a Dashboard Page" topic in Chapter 4, "Building and Using Dashboards" provide information on the View Latest Version feature in error. This feature is not currently available.

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition (E10544-04)*.

1.17.5.13 Changes to the Instructions for Installing and Configuring BI Composer

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition (E10544-03)*.

In the topic "Installing and Configuring BI Composer for Oracle BI EE" in Appendix C, "Accessibility Features," note the following changes need to be made to the instructions:

- Update Step 4.c.to read as follows:
In System MBean Browser, expand **oracle.adf.share.connections**, expand **Application:bicomposer**, expand **ADFConnections**, expand **ADFConnections**, expand **BISoapConnection**, and then click **bi-default**.
- Add in step 4.d. that the correct value for Port is 9704.
- Add a step 6 that reads as follows:
Restart the Oracle WebLogic Server and Oracle Business Intelligence. For more information on restarting the Oracle WebLogic Server, see *Oracle Fusion Middleware Administrator's Guide*. For more information on restarting Oracle Business Intelligence, see *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition*.

Also note that in release 11.1.1.5 of Oracle BI EE, BI Composer is available only in accessibility mode.

1.17.5.14 Mentions of the KPI Editor: Data Input Security Page Must Be Ignored

Impacted Release: 11.1.1.6.2

Platforms: All

This issue is present in the 11.1.1.6.2 Bundle Patch 1 version of the *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition (E10544-04)*.

All mentions of using the KPI Editor: Data Input Security page to assign slice-level security to KPIs with target settings must be ignored. The sections "What Are Target Settings?" and "Creating KPIs" in Chapter 11 "Using KPIs and KPI Watchlists" and the topics "KPI editor," "KPI editor: General Properties page," and "KPI editor: Data Input Security page" in Appendix E "User Interface Reference" include mentions of the KPI Editor: Data Input Security page.

1.17.5.15 Misinformation About Oracle Endeca Server and Full-Text Search

Impacted Release: 11.1.1.7

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition (E10544-06)*.

The "Searching for Objects" and "Searching for Objects in the Catalog" topics in Chapter 13, and the "Search pane" in Appendix E, "User Interface Reference" contain the following misinformation in regards to specifying a wildcard (*) character when using full-text searching in Oracle BI EE that is configured with Oracle Endeca Server:

"If you are using Oracle BI Enterprise Edition configured to use Oracle Endeca Search, then a search using the wildcard character of an asterisk (*) is not available."

Disregard this statement. You can use the wildcard character to search for objects.

1.17.5.16 Breadcrumbs Disabled for Embedded Objects in ADF

Impacted Release: 11.1.1.7

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition* (E10544-06).

The "Navigating With Breadcrumbs" topic in Appendix A, "Basic Information to Tell Your Users" contains the following misinformation about navigational breadcrumbs: "Breadcrumbs display at the bottom of the page in Presentation Services or from Fusion Applications or ADF applications where BI objects have been embedded" Disregard "or ADF applications." Breadcrumbs are disabled for embedded objects in ADF.

1.17.5.17 Note on Fixed Headers with Scrolling Content Is Incorrect

Impacted Releases: 11.1.1.7

Platforms: All

The following note included in the description of the Fixed Headers with scrolling content component in the Table Properties dialog: Style tab and the Trellis Properties dialog: General tab is incorrect:

Note: Tables and pivot tables that use the scrolling method to browse data do not render properly in Microsoft's Internet Explorer browser version 7 or 8. As a result, when Microsoft's Internet Explorer browser version 7 or 8 is detected, the table or pivot table is rendered using paging controls instead, unless the administrator specifically allows the scrolling method to be used with these browser versions. For information on allowing the scrolling method, see "Manually Configuring to Allow the Scrolling Method to Be Used in Microsoft's Internet Explorer Browser Version 7 or 8" in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition*.

Instead, the Note should read as follows:

Note: The scrolling method is not supported or thoroughly tested in Microsoft's Internet Explorer browser version 8. As a result, when Microsoft's Internet Explorer's browser version 8 is detected, the table or pivot table is rendered using paging controls instead.

Also, the scrolling method is not supported on Microsoft's Internet Explorer browser version 7 and, if this version is detected, the table or pivot table is rendered using paging controls.

1.17.5.18 Misinformation About Adding HTML Code in Prompt Labels

Impacted Release: 11.1.1.3, 11.1.1.5, 11.1.1.6, 11.1.1.6.2, 11.1.1.6.2 (BP1), 11.1.1.7

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition* (E10544-06).

The "Creating a Column Prompt," "Creating a Currency Prompt," "Creating an Image Prompt," and "Creating a Variable Prompt" topics in Chapter 6, and the "New Prompt dialog" topic in Appendix E, "User Interface Reference" contain the following misinformation in regards to using HTML when creating a prompt: "You can include

HTML markup tags in the caption, such as , , and <table>." Disregard this statement. You cannot use HTML markup tags.

1.17.5.19 Enable on Totals for Action Links Not Described

Impacted Release: 11.1.1.7

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition (E10544-06)*.

The "Adding Actions to Analyses" topic in Chapter 10 and "Column Properties dialog: Interactions tab" topic in Appendix E, "User Interface Reference" omitted information regarding the Enable on Totals check box for action links. The description should be: "Select the **Enable on Totals** check box when your analysis contains a total or grand total, and the associated attribute or measure column contains an action link or a conditional action link and you want the action link (or conditional action link) to be applied to both the column and the total or grand total. This does not apply to column heading action links and by default, this behavior is turned off."

1.17.5.20 Use of Multiple Values in Presentation Variable on Dashboards Not Described

Impacted Release: 11.1.1.5, 11.1.1.6, 11.1.1.6.2, 11.1.1.7

Platforms: All

This issue is fixed in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Enterprise Edition (E10544-06)*.

The "What Is the Syntax for Referencing Variables?" topic in Chapter 2, omitted information regarding the use of multiple values for presentation variables on the dashboard. The information in Table 2-1 "Syntax for Referencing Tables" for presentation or request variables should read as follows:

| Type of Variable | Syntax | Example |
|-------------------------|---|--|
| Presentation or request | <p>@{variables.<i>variablename</i>}[<i>format</i>][<i>defaultvalue</i>] or @{<i>scope</i>.variables['<i>variablename</i>']} where:</p> <ul style="list-style-type: none"> ▪ <i>variablename</i> is the name of the presentation or request variable, for example, MyFavoriteRegion. ▪ (optional) <i>format</i> is a format mask dependent on the data type of the variable, for example #,##0, MM/DD/YY hh:mm:ss. (Note that the format is not applied to the default value.) ▪ (optional) <i>defaultvalue</i> is a constant or variable reference indicating a value to be used if the variable referenced by <i>variablename</i> is not populated. ▪ <i>scope</i> identifies the qualifiers for the variable. You must specify the scope when a variable is used at multiple levels (analyses, dashboard pages, and dashboards) and you want to access a specific value. (If you do not specify the scope, then the order of precedence is analyses, dashboard pages, and dashboards.) <p>Note: When using a dashboard prompt with a presentation variable that can have multiple values, the syntax differs depending on the column type. Multiple values are formatted into comma-separated values and therefore, any format clause is applied to each value before being joined by commas.</p> | <p>@{variables.MyFavoriteRegion}{EASTERN REGION} or @{{MyFavoriteRegion} or @{{dashboard.variables['MyFavoriteRegion']} or @{{myNumVar}[#,##0]{1000}) or @{{variables.MyOwnTimestamp}[YY-MM-DD hh:mm:ss]}() or @{{myTextVar}{A, B, C)}</p> |

The information in Table 2-2 for "Guidelines for Referencing Variables in Expressions" for presentation or request variables should read as follows:

| Type of Variable | Guidelines | Example |
|------------------|--|--|
| Presentation | <ul style="list-style-type: none"> ■ Use this syntax: <code>@{variablename}{defaultvalue}</code> where <i>variablename</i> is the name of the presentation variable and <i>defaultvalue</i> (optional) is a constant or variable reference indicating a value to be used if the variable referenced by <i>variablename</i> is not populated. ■ To type-cast (that is, convert) the variable to a string, enclose the entire syntax in single quotes, for example: <code>'@{user.displayName}'</code> <p>Note: If the @ sign is not followed by a {, then it is treated as an @ sign.</p> <p>When using a dashboard prompt with a presentation variable that can have multiple values, the syntax differs depending on the column type.</p> <p>Use the following syntax in SQL for the specified column type in order to generate valid SQL statements:</p> <ul style="list-style-type: none"> ■ Text — <code>@{variablename}['@']{defaultvalue}</code> ■ Numeric — <code>@{variablename}{defaultvalue}</code> ■ Date-time — <code>@{variablename}{timestamp defaultvalue}</code> ■ Date (only the date) — <code>@{variablename}{date defaultvalue}</code> ■ Time (only the time) — <code>@{variablename}{time defaultvalue}</code> | <pre>"Market"."Region"=@{MyFavoriteRegion}{EASTERN REGION} or "Products"."P4 Brand"=@{myTextVar}['@']{BizTech}) or "Products"."PO Product Number"=@{myNumVar}{1000}) or "Sales Person"."E7 Hire Date"=@{myDateTimeVar}{timestamp '2013-05-16 00:00:01'}) or "Time"."Total Fiscal Time"=@{myDateVar}{date '2013-05-16'}) or "Time"."Time Right Now"=@{myTimeVar}{time '00:00:01'}) For multiple values (in specified data types) when using SQL: If the column type is Text and <i>variablename</i> is passing val1, val2, and val3, the resultant is ('val1', 'val2', 'val3'). or If the column type is Date and <i>variablename</i> is passing 2013-08-09 and 2013-08-10, the resultant is (date '2013-08-09', date '2013-08-10'). or If the column type is Date-time and <i>variablename</i> is passing 2013-08-09 00:00:00 and 2013-08-10 00:00:00, the resultant is (timestamp '2013-08-09 00:00:00', timestamp '2013-08-10 00:00:00').</pre> |

1.17.5.21 Changes to the Instructions for Installing and Configuring Oracle BI Add-in for Microsoft

Impacted Releases: 11.1.1.9

Platforms: All

In the topic "Installing and Configuring Oracle BI Add-in for Microsoft" in Appendix B, "Integrating with Microsoft Office," note the following changes need to be made to the instructions:

- Change the cross-reference in the first bullet of step 1 of the topic 'Installation and Configuration Steps for Oracle BI Add-in for Microsoft Office' from "See Tasks Performed by the Installer for Oracle BI EE (for Oracle BI Add-in for Microsoft Office)" to "See Support Note 1963081.1 on myoraclesupport.com".
- Ignore section "Tasks Performed by the Installer for Oracle BI EE (for Oracle BI Add-in for Microsoft Office)".

See also [Section 1.8.5.22, "Oracle BI Add-in for Microsoft Office Not Installed By Default."](#)

1.17.6 **Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Mobile**

Documentation errata in *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Mobile* are described in *Oracle Fusion Middleware Release Notes for Oracle Business Intelligence Mobile for Apple iOS and Google Android*, which is available at

http://docs.oracle.com/cd/E52471_01/bi.1111/e52669/toc.htm

These release notes include the following products:

- Oracle Business Intelligence Mobile for Apple iOS
- Oracle Business Intelligence Mobile for Google Android

1.17.7 **Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition**

This section describes documentation errata in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition*.

- [Section 1.17.7.1, "Important Changes to Essbase Preconfiguration Instructions"](#)
- [Section 1.17.7.2, "Manual opmn.xml Edits Needed to Use Teradata as a Data Source"](#)
- [Section 1.17.7.3, "Updates to Text for Consistency Check Warnings 39009 and 39059"](#)
- [Section 1.17.7.4, "Other Changes to List of New Consistency Check Warnings"](#)
- [Section 1.17.7.5, "Select the Virtual Private Database Option when Authenticating Against Essbase or Hyperion Financial Management Using a Shared Token"](#)
- [Section 1.17.7.6, "Manually Updating the Master MUD Repository"](#)
- [Section 1.17.7.7, "Configuration Required for Client Installations of the Administration Tool to Perform Offline Imports from Oracle OLAP and Hyperion Financial Management Data Sources"](#)
- [Section 1.17.7.8, "Database Client Installation Required for Client Installations of the Administration Tool when Importing from Oracle Database and Oracle OLAP Sources"](#)
- [Section 1.17.7.9, "Initialization Block Failure at Server Start-Up Causes Connection Pool to be Blacklisted"](#)
- [Section 1.17.7.10, "Merge Local Changes Step Does Not Lock the Master Repository"](#)
- [Section 1.17.7.11, "Information Now Available for All Import Metadata Wizard Screens"](#)
- [Section 1.17.7.12, "Remove Smart View Mention in Appendix C"](#)
- [Section 1.17.7.13, "Explicitly Check Out Projects to Add Objects in a Multiuser Development Environment"](#)
- [Section 1.17.7.14, "Changes to DataDirect Drivers and Directories"](#)
- [Section 1.17.7.15, "Additional Information Available on SCM Configuration Template Files"](#)
- [Section 1.17.7.16, "Additional Information Available on TimesTen Compressed Tables"](#)
- [Section 1.17.7.17, "Statement on Aggregate Creation Failure is Incorrect"](#)

- Section 1.17.7.18, "Prefer Optimizer Estimates Option Available for Summary Advisor in Release 11.1.1.6.2, Bundle Patch 1"
- Section 1.17.7.19, "Statement on Most Restrictive Security Attribute is Incomplete"
- Section 1.17.7.20, "Changed Location and Name of Adapter Required for SAP/BW Data Sources Connection"
- Section 1.17.7.21, "Connection Type Configuration for ADM Thin Client Driver"
- Section 1.17.7.22, "Oracle Enterprise Performance Management Financial Planning Analytics Application Prerequisite is Incorrect"
- Section 1.17.7.23, "Incorrect Information About DataDirect Driver Configuration"
- Section 1.17.7.24, "Removal of "Creating Aggregates on Essbase Sources" Section"
- Section 1.17.7.25, "Information About Editing the user.sh File to Set Environment Variables Does Not Apply to Oracle Database Data Source Connections Using Native Gateways"
- Section 1.17.7.26, "JAR Path Settings For Setting Up Hyperion Financial Management Data Sources Must Be Kept at the End of the OPMN Startup Arguments Section"

1.17.7.1 Important Changes to Essbase Preconfiguration Instructions

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-03)*.

Note the following changes to the topic "Setting Up Essbase Data Sources" in Chapter 4, "Importing Metadata and Working with Data Sources" in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition*:

- The Administration Tool requires Essbase client libraries version 11.1.2.x. Do not use other client versions. Although other versions of the Essbase client libraries might work with the Oracle BI Server, the recommended approach for Oracle BI Server connectivity to Essbase is to use the bundled 11.1.2.x client.
- By default, Oracle Business Intelligence is configured to use the bundled version of the Essbase client libraries in `ORACLE_HOME/clients/epm/Essbase/EssbaseRTC`. You do not typically need to make manual changes to `opmn.xml` on the Oracle BI Server computer for Essbase setup. However, the `bi-init.cmd` changes described in the topic "Setting Up Essbase Data Sources" are still required.
- If you have installed the Administration Tool using the Client install type, you must ensure that the Essbase client is present on the Administration Tool client computer. You must then update `bi-init.cmd` to include required variable and path information, as described in the topic "Setting Up Essbase Data Sources."

1.17.7.2 Manual opmn.xml Edits Needed to Use Teradata as a Data Source

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-03)*.

The following section should have appeared in the topic "Performing Data Source Preconfiguration Tasks" in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition*:

Setting Up Teradata Data Sources To use Teradata as a data source for Oracle Business Intelligence on Windows systems, you must manually edit opmn.xml on each computer running the Oracle BI Server to include required Teradata variables.

To update opmn.xml to include Teradata variables on Windows:

1. Open opmn.xml for editing. You can find opmn.xml at:

```
ORACLE_INSTANCE/config/OPMN/opmn/opmn.xml
```

2. Locate the ias-component tag for the Oracle BI Server process. For example:

```
<ias-component id="coreapplication_obis1" inherit-environment="true">
```

3. Under the Oracle BI Server ias-component tag, add the required Teradata variables TERA_HOME, TERAGSS_HOME, and TERAICU_HOME, and also update the PATH variable, as shown in the following example. Replace the example values with the installed location for the Teradata client:

```
<ias-component id="coreapplication_obis1" inherit-environment="true">
<environment>
...
<variable id="TERA_HOME" value="C:/Progra~1/Teradata/Client/13.10/
ODBCDR~1" />
<variable id="TERAGSS_HOME" value="C:/Progra~1/Teradata/TERADA~1/nt-i386/
131000~1.02" />
<variable id="TERAICU_HOME" value="C:/Progra~1/Teradata/Client/13.10/
SHARED~1" />
<variable id="PATH" value="$TERA_HOME/lib$;$TERAICU_HOME/lib$;$TERAGSS_
HOME/bin$;$ORACLE_HOME/bifoundation/server/bin$;$ORACLE_HOME/
bifoundation/web/bin$;$ORACLE_HOME/clients/epm/Essbase/EssbaseRTC/
bin$" append="true" />
...
</environment>
```

Important: If you use the default location when installing the Teradata client, then the `PATH` variable might exceed the 1024 character limit imposed by Windows. To avoid this issue, install the Teradata client in a directory with a shortened path name (such as `C:\TD`), or use shortened 8.3 file names (such as "`C:\PROGRA~1\Teradata\Client\13.10\ODBCDR~1\Bin`" instead of "`C:\Program Files\Teradata\Client\13.10\ODBC Driver for Teradata\Bin`").

To determine the correct 8.3 file names, run "`dir /x`" from the appropriate directory. For example:

```
C:\>dir /x
Volume in drive C has no label.
Volume Serial Number is 0000-XXXX
Directory of C:\
08/25/2008  03:36 PM  <DIR>      DATAEX~1  DataExplorer
04/20/2007  01:38 PM  <DIR>      <DIR>      dell
08/28/2010  10:49 AM  <DIR>      DOCUME~1   Documents and Settings
07/28/2008  04:50 PM  <DIR>      ECLIPS~2   EclipseWorkspace
09/07/2007  11:50 AM  <DIR>      <DIR>      Ora92
09/07/2007  11:50 AM  <DIR>      <DIR>      oracle
05/21/2009  05:15 PM  <DIR>      <DIR>      OracleBI
05/21/2009  05:12 PM  <DIR>      ORACLE~1   OracleBIData
03/02/2011  04:51 PM  <DIR>      PROGRA~1   Program Files
```

4. Save and close the file.
5. Restart OPMN.
6. Repeat these steps on each computer that runs the Oracle BI Server process. If you are running multiple Oracle BI Server instances on the same computer, be sure to update the `ias-component` tag appropriately for each instance in `opmn.xml` (for example, `ias-component id="coreapplication_obis1"`, `ias-component id="coreapplication_obis2"`, and so on).

1.17.7.3 Updates to Text for Consistency Check Warnings 39009 and 39059

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-03)*.

In the section "New Features for Oracle BI EE xxx Release 1 (11.1.1.3)" in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition*, a list of new consistency check warnings is provided. Note the following changes for warnings 39009 and 39059 in Release 11.1.1.5:

- The information about the consistency check warning 39009 is valid for Release 11.1.1.3, but does not apply to Release 11.1.1.5. This warning no longer occurs due to underlying changes in the code.
- In Release 11.1.1.5, the description for the consistency check warning 39059 should read as follows:

"Even though this fact logical table source has an aggregate grain set in this dimension, no join was found that connects to any logical table source in this dimension (or a potentially invalid join was found).

This means that either no join exists at all, or it does exist but is potentially invalid because it connects a higher-level fact source to a lower-level dimensional source. Such joins are potentially invalid because if followed, they might lead to double counting in query answers.

For example, consider `Select year, yearlySales`. Even if a join exists between `monthTable` and `yearlySales` table on `yearId`, it should not be used because such a join would overstate the results by a factor of 12 (the number of months in each year).

If you get a 39059 warning after upgrade, verify that the join is as intended and does not result in incorrect double counting. If the join is as intended, then ignore the 39059 warning."

1.17.7.4 Other Changes to List of New Consistency Check Warnings

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-03)*.

In the section "New Features for Oracle BI EE xxx Release 1 (11.1.1.3)," a list of new consistency check warnings is provided. Note the following changes to this list. These changes apply to Release 11.1.1.3 and Release 11.1.1.5:

- The consistency check warning 39055 should appear in its own row in the table, with the following description:
"This warning indicates that there is a physical join between the given fact and dimension sources, but there is not a corresponding logical join between the fact table and the dimension table."
- The description for consistency check errors 38012 and 38001 should read as follows:
"Logical columns that are not mapped to any logical table source are reported as consistency errors, because the logical table source mappings are invalid and would cause queries to fail.
Both of the given validation rules are related to the same issue."
- The description for consistency check warning 39003 should read as follows:
"This warning indicates that the given column is only mapped to logical table sources that are disabled. The warning brings this issue to the repository developer's attention in case the default behavior is not desired."

1.17.7.5 Select the Virtual Private Database Option when Authenticating Against Essbase or Hyperion Financial Management Using a Shared Token

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-03)*.

This additional information applies when you authenticate against Essbase or Hyperion Financial Management data sources using a shared token. After selecting **SSO using CSS Token** in the data source connection pool in the Oracle BI repository,

you should also select the **Virtual Private Database** option in the corresponding database object to protect cache entries.

1.17.7.6 Manually Updating the Master MUD Repository

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-03)*.

During the course of Oracle BI repository development in a Multiuser Development (MUD) environment, it might be necessary to make manual changes to the master repository. Because of the highly controlled nature of the MUD process, you must be careful when performing any manual steps because there is accounting information stored in the MUD history log (.mhl) file. To manually work on the master repository, you must work on the repository in a separate directory from the MUD directory. Then, you must replace both the master RPD and the latest versioned repository in the MUD directory.

For example, follow these steps to manually update a repository named master.rpd:

1. Copy the master repository (master.rpd) out of the MUD directory into a local directory.
2. Use the Oracle BI Administration Tool to make the changes necessary to the local copy of the master repository (master.rpd).
3. When manual edits are complete, copy master.rpd to the MUD directory as master.rpd. For example:

```
copy c:\local\master.rpd c:\mud\master.rpd
```

4. In the MUD directory, identify the latest repository with a version number. For example, master.7011.
5. Copy master.rpd to the MUD directory and overwrite the latest versioned repository. For example:

```
copy c:\local\master.rpd c:\mud\master.7011
```

1.17.7.7 Configuration Required for Client Installations of the Administration Tool to Perform Offline Imports from Oracle OLAP and Hyperion Financial Management Data Sources

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-03)*.

If you install the Administration Tool using the Oracle Business Intelligence Enterprise Edition Plus Client Installer, you must perform additional configuration before you can perform offline imports from Oracle OLAP or Hyperion Financial Management data sources. To import from either of these data sources in offline mode, the Administration Tool must point to the location of a running JavaHost.

Follow these steps to point the Administration Tool at a running JavaHost:

1. Close the Administration Tool, if it is open.

2. On the same computer as the Administration Tool, open the local NQSConfig.INI file in a text editor. You can find this file at:

```
ORACLE_INSTANCE/config/OracleBIServerComponent/coreapplication_obisn
```

3. Locate the JAVAHOST_HOSTNAME_OR_IP_ADDRESSES parameter, near the bottom of the file. Update this parameter to point to a running JavaHost, using a fully-qualified host name or IP address and port number. For example:

```
JAVAHOST_HOSTNAME_OR_IP_ADDRESSES = "myhost.example.com:9810"
```

Note that in a full (non-client) Oracle Business Intelligence installation, you cannot manually edit this setting because it is managed by Oracle Enterprise Manager Fusion Middleware Control.

4. Save and close the file.

1.17.7.8 Database Client Installation Required for Client Installations of the Administration Tool when Importing from Oracle Database and Oracle OLAP Sources

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-03)*.

If you install the Administration Tool using the Oracle Business Intelligence Enterprise Edition Plus Client Installer, you must install the Oracle Database Client on the Administration Tool computer before you can import from Oracle Database or Oracle OLAP sources. Use either the Administrator or Runtime client install option.

If you are running a 32-bit Administration Tool, you must install the 32-bit Oracle Database Client. If you are running a 64-bit Administration Tool, you must install the 64-bit Oracle Database Client.

After installing the Oracle Database Client, create an environment variable called ORACLE_HOME and set it to the Oracle home for the Oracle Database Client. Then, create an environment variable called TNS_ADMIN and set it to the location of the TNSNAMES.ORA file (ORACLE_HOME\network\admin).

1.17.7.9 Initialization Block Failure at Server Start-Up Causes Connection Pool to be Blacklisted

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-03)*.

During Oracle BI Server start-up, if an initialization block fails for a particular connection pool, no more initialization blocks using that connection pool are processed. Instead, the connection pool is blacklisted and subsequent initialization blocks for that connection pool are skipped. This behavior ensures that the Oracle BI Server starts in a timely manner, even when a connection pool has a large number of associated initialization blocks or variables.

If this occurs, a message similar to the following is displayed in the server log:

```
[OracleBIServerComponent] [ERROR:1] [43143] Blacklisted connection pool conn_pool_name
```

If you see this error, then check the initialization blocks for the given connection pool to ensure that they are correct.

1.17.7.10 Merge Local Changes Step Does Not Lock the Master Repository

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-03)*.

In Release 11.1.1.5, when working in a multiuser development environment, the master repository is not locked when you merge local changes. Instead, the master repository is locked during the Publish to Network step. This change reduces the total time that the master repository is locked to avoid lock contention issues.

With this change, the publish step now checks that no other developer published changes to the master between the time you merged local changes and the time you published to network. If the MUD logic discovers that another repository developer published to the network in this time period, then the system automatically performs again the merge with the master. To redo the merge, the system must roll back to the RPD version that you used for the Merge Local Changes step, and then merges it with the new master.

Because of this change, you must always merge all local changes before publishing to the network. Otherwise, you might lose any changes that you made between merge and publish if a rollback becomes necessary for a merge redo.

1.17.7.11 Information Now Available for All Import Metadata Wizard Screens

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-03)*.

The description for the Map to Logical Model and Publish to Warehouse screens of the Import Metadata Wizard in the Administration Tool states that these screens are reserved for a future release. This is no longer correct. Instead, refer to *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (Oracle Fusion Applications Edition)* in the Oracle Fusion Applications Technology Library for information about these screens.

1.17.7.12 Remove Smart View Mention in Appendix C

Impacted Releases: 11.1.1.5, 11.1.1.6.0

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-04)*.

The opening paragraphs of Appendix C, "Logical SQL Reference" mention Oracle Hyperion Smart View for Office as a client for the Oracle BI Server. All mentions of Smart View must be ignored, as described in [Section 1.4.2, "Oracle Hyperion Smart View for Office Not Supported in Oracle Business Intelligence 11g, Releases 11.1.1.5, 11.1.1.6.0, and 11.1.1.6.2."](#)

1.17.7.13 Explicitly Check Out Projects to Add Objects in a Multiuser Development Environment

Impacted Releases: 11.1.1.6.0

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-04)*.

The following additional information is available for Chapter 3, "Setting Up and Using the Multiuser Development Environment:"

In previous releases, objects that were part of the master repository, but that did not belong to a currently checked-out project, could be added between the merge and publish steps, because the entire repository was locked until publishing was complete. Now that the merge and publish steps are combined in a single Publish to Network step, you must explicitly check out a project that contains the desired object to add it to the currently open project.

For example, suppose that you want to add fact table "A" that is part of project "Other Project" to your own project, "My Project." To do this, you must check out both "Other Project" and "My Project." Then, add Fact Table "A" to "My Project" and publish the changes to the network. The next time that you check out "My Project", the fact table is part of the repository subset.

1.17.7.14 Changes to DataDirect Drivers and Directories

Impacted Releases: 11.1.1.5, 11.1.1.6.0

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-04)*.

The "Using DataDirect Connect ODBC Drivers on Linux and UNIX" section provides information on DataDirect Connect ODBC drivers and their directories. The driver and directory names are incorrect and must be updated as follows:

SEase23.so to ARase23.so (for Sybase)

SEifcl23.so to ARifcl23.so (for Informix)

SEmsss23.so to ARmsss23.so (for MS SQL Server)

Oracle_BI1/bifoundation/odbc/lib

to

Oracle_BI1/common/ODBC/Merant/5.3/lib/

1.17.7.15 Additional Information Available on SCM Configuration Template Files

Impacted Releases: 11.1.1.6.2

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-06)*.

The following additional information is available for Step 4 in the section "Creating an SCM Configuration File:"

The SCM configuration template files are called `scm-conf-ade.template.xml` and `scm-conf-svn.template.xml`. In addition to being available in the `ORACLE_INSTANCE` location indicated, they are also available on the Oracle Technology Network (OTN) at: http://www.oracle.com/technetwork/middleware/bi-foundation/downloads/obiee_scmconfigfiles-1568980.zip

1.17.7.16 Additional Information Available on TimesTen Compressed Tables

Impacted Releases: 11.1.1.6.2

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition* (E10540-06).

The following additional information is available for the section "Tips for Creating Aggregates on TimesTen Sources:"

If you want to create aggregates with compressed tables in TimesTen, then turn on the database feature `COMPRESSED_COLUMNS` in the Features tab of the Database dialog in the Oracle BI Administration Tool.

1.17.7.17 Statement on Aggregate Creation Failure is Incorrect

Impacted Releases: 11.1.1.6.2

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition* (E10540-06).

In the section "About Aggregate Persistence Errors," the following incorrect statement is displayed:

"If there is an error in the creation of any aggregate, then the entire aggregate request is terminated and subsequent aggregates are not created. Aggregates that are already created and checked in remain checked in."

Instead, the section should read as follows:

"When a series of aggregates are being created, and the creation of one aggregate fails, the aggregate persistence engine skips creation of the failed aggregate and its dependencies and proceeds to the next aggregate in the list. Check the log files to identify failed aggregates.

If there are errors, you must remove them at the time of the error or at the next ETL run in one of the following ways:

- Manually remove the aggregates from the metadata and the database. To identify the aggregate metadata, you can query the repository using the `IsSystemGenerated` filter for physical tables and logical table sources. See "Querying the Repository" for more information.
- Automatically remove the failed aggregates using the Delete Aggregates specification. In particular, use this technique to remove any orphan aggregate dimensions (those not joined to any other fact table)."

1.17.7.18 Prefer Optimizer Estimates Option Available for Summary Advisor in Release 11.1.1.6.2, Bundle Patch 1

Impacted Releases: 11.1.1.6.2

Platforms: All

The following additional information is available for Step 11 in the section "Using the Oracle BI Summary Advisor Wizard:"

For its algorithm to work correctly, Oracle BI Summary Advisor needs to obtain row counts (cardinality) for certain queries on the data sources. Summary Advisor issues count queries to the back-end data sources to obtain these row counts, which can sometimes take a long time to execute.

In Release 11.1.1.6.2, Bundle Patch 1, you can optionally select **Prefer Optimizer Estimates** in the Miscellaneous screen of the Summary Advisor Wizard to improve performance during the Summary Advisor process. Selecting this option enables Summary Advisor to use cardinality estimates that originate out of the database query optimizer (also known as the Explain query plan) whenever possible, rather than issuing actual count queries.

This feature is only available for Oracle Database data sources. In addition, for Summary Advisor to use database query optimizer estimates, the statistics on the concerned database objects must be available and up-to-date.

1.17.7.19 Statement on Most Restrictive Security Attribute is Incomplete

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-09)*.

Oracle BI EE 11.1.1.7 contains a change to permissions where an application role with access to an object must also have access to the object's container. Therefore, in the section "About Permission Inheritance for Users and Application Roles," the following incomplete statement is displayed:

"If there are multiple application roles acting on a user or application role at the same level with conflicting security attributes, the user or application role is granted the least restrictive security attribute."

Instead, this section should read as follows:

"If there are multiple application roles acting on a user or application role at the same level with conflicting security attributes, the user or application role is granted the least restrictive security attribute. However, Oracle now requires that the application role with access to an object also have access to the object's container. For example, if ApplicationRole 1 has permission to access Column A, which is part of Table B, then ApplicationRole1 must also have permission to access Table B."

See [Section 1.4.37, "Change in Permission Inheritance for Users and Application Roles"](#) for more information.

1.17.7.20 Changed Location and Name of Adapter Required for SAP/BW Data Sources Connection

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-09)*.

The "Setting Up SAP/BW Data Sources" section contains the incorrect name for the adapter used to connect to SAP/BW data sources. This section also contains the incorrect URL for the Bristlecone Web site, where you download the required adapter.

The correct name of the adapter is **OBIEE BAPI Adapter for SAP**.

The correct Bristlecone Web site where you can find the adapter is <http://bristleconelabs.com/edel/downloads.html>.

1.17.7.21 Connection Type Configuration for ADM Thin Client Driver

Impacted Releases: 11.1.1.9

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition* (E10540-09).

In the section "Importing Metadata from Multidimensional Data Sources," Table 5-1 Multidimensional Connection Options, the following additional information is available for the Hyperion ADM connection type:

For Hyperion Planning using the ADM thin client driver, include the driver and the application name (cube name), in the following format:

```
adm:thin:com.hyperion.ap.hsp.HspAdmDriver:[server]%3A[port]:[application_name]
```

For example:

```
adm:thin:com.hyperion.ap.hsp.HspAdmDriver:server_name.example.com%3A8300:PPF_OFP3
```

1.17.7.22 Oracle Enterprise Performance Management Financial Planning Analytics Application Prerequisite is Incorrect

Impacted Releases: 11.1.1.9

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition* (E10540-09).

The section "Importing Metadata From Hyperion Planning Data Sources" contains the following requirements:

- Hyperion Planning Server must be version 11.1.2.4 or above.
- The servers that run Hyperion Planning 11.1.2.4 or above must be licensed for Oracle Enterprise Performance Management Financial Planning Analytics.

These requirements are incorrect and must be ignored.

1.17.7.23 Incorrect Information About DataDirect Driver Configuration

Impacted Releases: 11.1.1.9

Platforms: All

The information in the section "Upgrading and Configuring Oracle Business Intelligence to Use DataDirect" is incorrect. For the correct information, see [Section 1.4.41, "DataDirect 7.1.4 Drivers Configuration."](#)

1.17.7.24 Removal of "Creating Aggregates on Essbase Sources" Section

Impacted Releases: 11.1.1.9

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition (E10540-09)*.

Aggregate Persistence and the Oracle BI Summary Advisor no longer support Oracle Essbase as a target. The section "Creating Aggregates on Essbase Sources" must be ignored.

1.17.7.25 Information About Editing the user.sh File to Set Environment Variables Does Not Apply to Oracle Database Data Source Connections Using Native Gateways

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7, 11.1.1.9

Platforms: All

The "Configuring Data Source Connection Using Native Gateways" and "About Updating Row Counts in Native Gateways" topics contain incorrect information about editing the user.sh file to set environment variables when connecting to an Oracle Database using native gateways.

If you are using an Oracle Database data connection with native gateways, you do not need to edit the user.sh file as the Oracle Call Interface (OCI) client configuration is configured by default. Note if you edit the user.sh file or the opmn.xml file to set environment variables, then the Oracle BI Server will fail to start.

1.17.7.26 JAR Path Settings For Setting Up Hyperion Financial Management Data Sources Must Be Kept at the End of the OPMN Startup Arguments Section

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

Step 5 of the task "For Hyperion Financial Management 11.1.2.3:" in section "Setting Up Hyperion Financial Management Data Sources", should say that the following opmn.xml settings must be positioned at the end of the startup arguments section:

```
$EPM_ORACLE_HOME/common/hfm/11.1.2.0/lib/fm-adm-driver.jar$:  
$EPM_ORACLE_HOME/common/hfm/11.1.2.0/lib/fm-web-objectmodel.jar$:  
$EPM_ORACLE_HOME\common\jlib\11.1.2.0\epm_thrift.jar$:  
$EPM_ORACLE_HOME\common\jlib\11.1.2.0\epm_j2se.jar>  
com.siebel.analytics.javahost.standalone.Main"/
```

1.17.8 Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition

This section describes documentation errata in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition*.

- [Section 1.17.8.1, "Event Polling Tables Must Be Created Using the Repository Creation Utility \(RCU\)"](#)
- [Section 1.17.8.2, "Use of ps: Prefix in Elements Is Unnecessary"](#)
- [Section 1.17.8.3, "Lowercase for Boolean Values for Configuration Elements"](#)
- [Section 1.17.8.4, "Removal of Section 11.5, "Configuring to Download Oracle Hyperion Smart View for Office""](#)
- [Section 1.17.8.5, "Issue Copying a Jar File when Registering with EPM Workspace Release 11.2.3.00"](#)
- [Section 1.17.8.6, "Incomplete Information in "Validating the Catalog" Section"](#)

- Section 1.17.8.7, "Missing Privilege for Using the Full-Text Catalog Search"
- Section 1.17.8.8, "Error for Configuring the Data Source for the Full-Text Catalog Search"
- Section 1.17.8.9, "Removal of Section 19.7.2.6, "Including Links with Analyses on Dashboards""
- Section 1.17.8.10, "MaxColumns Element Not Supported"
- Section 1.17.8.11, "Error in Section 22.3.2, "Specifying Defaults for Styles and Skins""
- Section 1.17.8.12, "Clarification of CaseInsensitiveMode Element"
- Section 1.17.8.13, "Updates of Information About the Catalog"
- Section 1.17.8.14, "Section on Manually Configuring for Interactions In Views Does Not Apply"
- Section 1.17.8.15, "Omission of Enabled Element in Custom Links Section"
- Section 1.17.8.16, "Omission of Section on Updating Java Development Kit (JDK)"
- Section 1.17.8.17, "Remove Mention of pasteBinary Script"
- Section 1.17.8.18, "Parameter Descriptions Missing or Inaccurate in NQSCONFIG.INI File Configuration Settings Appendix"
- Section 1.17.8.19, "Incorrect Commands to Start and Stop Administration Server on a Windows Environment"
- Section 1.17.8.20, "ENDECA_SERVLET_URL Parameter Description is Incorrect"
- Section 1.17.8.21, "Row About Using IBM WebSphere Does Not Apply"
- Section 1.17.8.22, "Error in Code Example for Adding a Default Header or Footer to New Analyses"
- Section 1.17.8.23, "Statement on Changes to Dynamic Repository Variables is Incorrect"
- Section 1.17.8.24, "DefaultRowsDisplayedInDownloadCSV Setting Does Not Apply to Pivot Tables"
- Section 1.17.8.25, "Usage Tracking CUM_DB_TIME_SEC Needs More Explanation"
- Section 1.17.8.26, "Steps for Manually Updating the Essbase Agent Port Number Are Incorrect"

1.17.8.1 Event Polling Tables Must Be Created Using the Repository Creation Utility (RCU)

Impacted Releases: 11.1.1.3, 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* (E10541-03).

Section 7.8.1, "Setting Up Event Polling Tables on the Physical Databases," explains that you can manually create event polling tables using CREATE TABLE statements. This statement is incorrect.

Instead, to create an event polling table, run the Repository Creation Utility (RCU) to create the Business Intelligence Platform (BIPLATFORM) schemas in the physical database. RCU creates an event polling table called S_NQ_EPT. See *Oracle Fusion*

Middleware Installation Guide for Oracle Business Intelligence for information about running the Repository Creation Utility.

1.17.8.2 Use of ps: Prefix in Elements Is Unnecessary

Impacted Releases: 11.1.1.5, 11.1.1.6.0

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-04)*.

The guide includes four sections that contain code examples to show how to edit the `instanceconfig.xml` file for the Catalog element. In these examples, the `ps:` prefix is included before element names, which is unnecessary. The guide must be updated to not include the string "ps:" in tags, and the Catalog element should begin with the `<Catalog>` tag.

1.17.8.3 Lowercase for Boolean Values for Configuration Elements

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0, 11.1.1.6.2

Platforms: All

Various chapters of the guide provide examples and descriptions of values for configuration elements in the `instanceconfig.xml` file. When you specify values, you must ensure that you specify the appropriate case for the letters. All Boolean values must be lowercase. In the guide, Boolean values are sometimes shown with an initial capital letter. The guide must be updated to ensure that all Boolean values are presented in all lowercase.

1.17.8.4 Removal of Section 11.5, "Configuring to Download Oracle Hyperion Smart View for Office"

Impacted Releases: 11.1.1.5, 11.1.1.6.0

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-04)*.

Section 11.5, "Configuring to Download Oracle Hyperion Smart View for Office," must be ignored, as described in [Section 1.4.2, "Oracle Hyperion Smart View for Office Not Supported in Oracle Business Intelligence 11g, Releases 11.1.1.5, 11.1.1.6.0, and 11.1.1.6.2."](#)

1.17.8.5 Issue Copying a Jar File when Registering with EPM Workspace Release 11.2.3.00

Impacted Releases: 11.1.1.7

Platforms: All

Section 11.5 describes how to configure Oracle Business Intelligence for integration with EPM Workspace. Section 11.5.2 "Step 2: Copying a JAR File" describes how to copy a JAR file as part of the integration. The procedure for copying the JAR file does not work as described there when you integrate with EPM Workspace 11.1.2.3.00. Oracle Business Intelligence 11.1.1.7 and the EPM System 11.1.2.3.00 have incompatible INTEROP-SDK.JAR and css.jar files.

Therefore, before registering Oracle Business Intelligence with EPM Workspace, you must backup the INTEROP-SDK.JAR and css.jar from Oracle Business Intelligence and

replace them with files from the EPM Workspace instance. After completing the registration process, you then restore the backed-up Oracle Business Intelligence INTEROP-SDK.JAR and css.jar files. The steps are described in this section.

To copy the JAR files for EPM Workspace Releases Earlier than 11.1.2.3.00:

1. Change to the following directory in the Oracle Business Intelligence installation and make a backup copy of the INTEROP-SDK.JAR file:
ORACLE_BI1\common\SharedServices\11.1.2.0\lib
2. Copy the INTEROP-SDK.JAR file in the following directory of the EPM Workspace installation.
ORACLE_
HOME\Middleware\EPMSys11R1\common\SharedServices\11.1.2.0\lib
3. Paste the INTEROP-SDK.JAR file from the EPM Workspace installation to overwrite the version in the Oracle Business Intelligence installation.

To copy the JAR files for EPM Workspace Release 11.1.2.3.00 or later:

Note: This approach applies only when registering Oracle Business Intelligence with EPM Workspace 11.1.2.3.00. It is incompatible with Essbase and associated components (release 11.1.2.2) that you install with Oracle Business Intelligence 11.1.1.7.

To copy the JAR files:

1. Change to the following directory in the Oracle Business Intelligence installation and make a backup copy of the INTEROP-SDK.JAR file:
ORACLE_BI1\common\SharedServices\11.1.2.0\lib
2. Copy the INTEROP-SDK.JAR file in the following directory of the EPM Workspace installation:
ORACLE_
HOME\Middleware\EPMSys11R1\common\SharedServices\11.1.2.0\lib
3. Paste the INTEROP-SDK.JAR file from the EPM Workspace installation to overwrite the version in the Oracle Business Intelligence installation.
4. Change to the following directory in the Oracle Business Intelligence installation and make a backup copy of the css.JAR file:
ORACLE_BI1\common\CSS\11.1.2.0\lib
5. Copy the css.JAR file in the following directory of the EPM Workspace installation:
ORACLE_HOME\Middleware\EPMSys11R1\ common\CSS\11.1.2.0\lib
6. Paste the css.JAR file from the EPM Workspace installation to overwrite the version in the Oracle Business Intelligence installation.
7. Change to the following directory and make a backup copy of the registry-api.jar file:
ORACLE_HOME\Middleware\EPMSys11R1\ common\jlib\11.1.2.0
8. Paste the registry-api.jar file from the EPM Workspace installation to overwrite the version in the Oracle Business Intelligence installation.
ORACLE_BI1\common\jlib\11.1.2.0

To restore the Oracle Business Intelligence JAR files:

1. Change to the following directory in the Oracle Business Intelligence installation and copy the backed-up INTEROP-SDK.JAR file:
ORACLE_BI1\common\SharedServices\11.1.2.0\lib
2. Change to the following directory in the Oracle Business Intelligence installation and copy the backed-up css.JAR file:
ORACLE_BI1\common\CSS\11.1.2.0\lib
3. Change to the following directory and copy the backed-up registry-api.jar file:
ORACLE_HOME\Middleware\EPMSys11R1\ common\jlib\11.1.2.0

1.17.8.6 Incomplete Information in "Validating the Catalog" Section

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-03)*.

Section 17.2.4 "Validating the Catalog," includes incomplete information for performing the validation. Complete and correct information is provided in Section 17.2.5 of the Release 11.1.1.6 documentation and is still applicable to Release 11.1.1.5. The updated section is available at the following location:

http://docs.oracle.com/cd/E23943_01/bi.1111/e10541/prescatadmin.htm#BAJBJEFA

1.17.8.7 Missing Privilege for Using the Full-Text Catalog Search

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2, 11.1.1.7

Platforms: All

Section 17.14.1 includes a procedure that lists the privileges that the BISystem role must be granted for searching the catalog. The "Access SOAP" privilege is missing from the list and must be added.

1.17.8.8 Error for Configuring the Data Source for the Full-Text Catalog Search

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-03)*.

Section 17.11.4.4 describes how to configure the data source for the full-text catalog search. Step 5 of that procedure describes how to specify the Display URL Prefix. The step includes an incorrect line for Secure Enterprise Search 11.2.1 or later. The line should read as follows:

`http://host:port/bisearch/urlbuilder/` (for Secure Enterprise Search 11.2.1, 11.1.2.2, or later)

1.17.8.9 Removal of Section 19.7.2.6, "Including Links with Analyses on Dashboards"

Impacted Releases: 11.1.1.3

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-02)*.

Chapter 19, "Configuring and Managing Analyses and Dashboards" of the *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition, Release 11.1.1.3* includes Section 19.7.2.6, "Including Links with Analyses on Dashboards." This section is not applicable and must be removed from the guide.

1.17.8.10 MaxColumns Element Not Supported

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-03)*.

Chapter 20, "Configuring Advanced Options for Mapping and Spatial Information," includes descriptions of the MaxColumns element. This element is not supported. If this element is included in the instanceconfig.xml file, then you might see an error message when trying to start Presentation Services.

1.17.8.11 Error in Section 22.3.2, "Specifying Defaults for Styles and Skins"

Impacted Releases: 11.1.1.3

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-02)*.

Section 22.3.2, "Specifying Defaults for Styles and Skins" in the *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition, Release 11.1.1.3* contains sample code from the instanceconfig.xml file for working with the DefaultStyle and DefaultSkin elements. The parent element for these elements should be UI, so the sample code should read as follows:

```
<ServerInstance>
  <UI>
    <DefaultStyle>myStyle</DefaultStyle>
    <DefaultSkin>mySkin</DefaultSkin>
  </UI>
</ServerInstance>
```

1.17.8.12 Clarification of CaseInsensitiveMode Element

Impacted Releases: 11.1.1.3

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-02)*.

Appendix E in the *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition, Release 11.1.1.3* provides an example of the section of the instanceconfig.xml file in which you can include the CaseInsensitiveMode element. The correct parent element of QueryManager is missing for CaseInsensitiveMode. The proper syntax is as follows:

```
<ServerInstance>
  <QueryManager>
    <CaseInsensitiveMode>>false</CaseInsensitiveMode>
```

```
</QueryManager>  
</ServerInstance>
```

1.17.8.13 Updates of Information About the Catalog

The following sections provide information for inclusion in Chapter 18, "Configuring and Managing the Oracle BI Presentation Catalog" in the *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition, Release 11.1.1.3*:

- [Section 1.17.8.13.1, "Guidelines for Object Names"](#)
- [Section 1.17.8.13.2, "Handling Users of the Catalog"](#)
- [Section 1.17.8.13.3, "Handling Heterogeneous Nodes"](#)
- [Section 1.17.8.13.4, "Handling Catalog Files on Various Platforms"](#)
- [Section 1.17.8.13.5, "Known Issues with Catalog Files"](#)
- [Section 1.17.8.13.6, "Validating the Catalog"](#)
- [Section 1.17.8.13.7, "Performing a Basic Validation of the Catalog"](#)
- [Section 1.17.8.13.8, "Specifying the Elements for Validating the Catalog"](#)
- [Section 1.17.8.13.9, "Updates for XML Files and Text Strings"](#)

1.17.8.13.1 Guidelines for Object Names Impacted Releases: 11.1.1.3

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-02)*.

Each object in the catalog is stored in its own file. For example, an analysis called Analysis 1 is stored in a file named Analysis1. The object name that is visible to users, such as Analysis 1, is referred to as the logical object name.

The following list provides guidelines for object names:

- No restrictions exist on which characters are allowed in the logical name of an object in the catalog, as long as the characters are valid Unicode characters. The following are valid logical names:

```
Hello World  
Profit / Loss  
% Sales * $ Cost ~~ $ "Expense"?
```
- The length of the logical object name must not exceed 256 Unicode characters. For more information on Unicode, see [Section 1.17.8.13.4, "Handling Catalog Files on Various Platforms."](#)
- The length of the logical path name for an object must not exceed 16000 Unicode characters.
- The number of directory segments in a logical path name for an object must be not exceed 255 segments. For example, a directory with a name such as `/n1/n2/n3/n4/.../n253/n254/n255` is acceptable, while a name such as `/n1/n2/n3/n4/.../n254/n255/n256` is unacceptable.
- When you pass the path name of an object using SOAP, you must escape the following characters:

```
Forward slash (/)
Backward slash (\)
Tilde (~)
Asterisk (*)
Question mark (?)
```

The following logical path names are all valid:

```
/shared/test/Hello World
/shared/test/Profit \ / Loss
/shared/test/% Sales \* $ Cost \~\~ $ "Expense" \?
```

Use care when building a catalog path. It is very common to see code that assumes the forward slash (/) is always a path separator. Always verify your path code with an object name such as "Profit / Loss".

- When you pass a catalog search filter using SOAP, you must escape the following characters:

```
Forward slash (/)
Backward slash (\)
Tilde (~)
Asterisk (*)
Question mark (?)
Caret (^)
Dollar sign (?)
```

The following search filters are all valid:

```
Hello World
Profit \ / Loss
% Sales \* \$ Cost \~\~ \$ "Expense" \?
```

1.17.8.13.2 Handling Users of the Catalog Impacted Releases: 11.1.1.3

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-02)*.

The catalog is designed to scale to thousands of concurrent users. To achieve this, the catalog adheres to the following guidelines:

- The average user typically only reads from the catalog and rarely, if ever, writes to it. In Release 11g, each user is constantly and automatically updating his or her Most Recently Used file, but each user's "read" operations still far outweigh the user's "writes" operations. Therefore, the read-to-write ratio is typically at least 100 to 1.
- While a locking mechanism guarantees that only one user can write to an object at a time, it is rare for multiple users to attempt to write simultaneously to the same object. A feature called "lazy locking" allows users to continue reading an object even when another user is updating that object.
- Modern file systems cache "small" files directly inside the directory record, such that reading any information on a directory simultaneously loads all small files directly into the operating system's memory cache. Therefore, it is good practice to keep files in the catalog "small," especially the frequently "read" .atr metadata files. When these metadata files remain small, then all the .atr files in a directory are loaded into memory with one physical hard disk read. Every file that exceeds the "small" threshold adds another physical hard disk read, which can cause a 100%

degradation for each large file. In other words, use care when considering storing arbitrary "Properties" in .atr files.

- Reading an object's .atr metadata file using NFS is far slower than reading it directly from a local disk. For this reason, Presentation Services additionally caches all .atr files internally. This cache can become briefly "stale" when another node in the cluster writes data to the file that is newer than the data that is cached by the current node. Therefore, all nodes are refreshed as per the MaxAgeMinutes element in the instanceconfig.xml file, whose default for a cluster is 5 minutes. This default setting commonly achieves the best trade-off between the possibility of stale data and the known performance impact. (The default for an environment without clusters is 60 minutes.)

1.17.8.13.3 Handling Heterogeneous Nodes Impacted Releases: 11.1.1.3

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* (E10541-02).

To allow heterogeneous nodes in a cluster, the catalog adheres to the following guidelines:

- The maximum length for the name of an object on disk is 256 bytes, which is 64 Unicode characters. The logical name is restricted to 256 Unicode characters. To adhere to this restriction, logical names greater than 32 characters are hashed.
- The maximum length for the name of a path on disk is 32KB, which is 8000 Unicode characters. The logical path is restricted to 16000 Unicode characters.
- All path names on disk are all lowercase. The logical path name allows mixed case, but is still case-insensitive.
- Certain characters are not allowed for path names on disk, while the logical path name allows all characters. For example, Windows systems disallow certain characters such as the colon (:), so those characters are mapped using standard HTML escape sequences. For example, the period character (.) becomes "%2e".
- Certain file names are not allowed on disk, while the logical object name has no restrictions. For example, Windows systems disallow certain file names such as COM, so those names are mapped using standard HTML escape sequences. For example, "com" becomes "co%6d".

1.17.8.13.4 Handling Catalog Files on Various Platforms Impacted Releases: 11.1.1.3

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* (E10541-02).

Keep the following points in mind when handling catalog files on various platforms:

- For UNIX Platforms: UNIX kernels must commonly be configured to allow more than 4000 subdirectories per directory. See Chapter 18 for information on the HashUserHomeDirectories element.
- For Windows Platforms:
When users want to navigate catalog files using a tool such as Microsoft Windows Explorer, then they want the catalog structure based on a short path name such as c:/obi/demo, rather than the long default path name. Note that such navigation is not recommended.

- FAT is not supported, and NTFS is required.
- Performance on Windows platforms degrades noticeably when more than 8000 files exist in a single directory. Because each catalog object has two files (the data file and the .atr metadata file), it is strongly recommended that you not store more than 4000 catalog objects in a single directory. See Chapter 18 for information on the HashUserHomeDirectories element.
- Windows Explorer does not handle long path names properly, and it is recommended to not Windows Explorer to navigate the internal structure of the catalog. While the file system can handle path names as long as 32KB and Presentation Services is not negatively affected, you cannot use Windows Explorer with any path name that is longer than approximately 2KB.

Because a single Unicode character can require as many as 4 bytes, you might be unable to use Windows Explorer with path names of only 500 Unicode characters. This limitation does not affect Presentation Services. Because of this limitation, place the catalog in a top-level directory, such as `c:\mycatalog\sales`.

1.17.8.13.5 Known Issues with Catalog Files Impacted Releases: 11.1.1.3

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-02)*.

The following issues are known when working with catalog files:

- Locking across NFS systems is difficult, but Presentation Services provides an effective locking mechanism in recent patches. Obtain key patches to update older versions of Oracle BI EE as necessary.

For more information, see [Section 1.17.8.13.6, "Validating the Catalog."](#)

- Various third-party FTP programs have issues handling '%' escape sequences, which often results in a renamed file that is doubly escaped. For example, a file that is named `sa%2epaint` (whose logical name is `SA.Paint`) is incorrectly renamed to `sa%252epaint` (whose logical name is `SA%2ePaint`).

Avoid using an FTP program directly against a catalog. Instead, download and use the 7-Zip utility to compress the catalog files, then use an FTP program to transfer the resulting compressed file.

1.17.8.13.6 Validating the Catalog Impacted Releases: 11.1.1.3

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-02)*.

Over time, inconsistencies can develop in the catalog as links are broken, users are deleted, or NFS file system issues are encountered. These inconsistencies can eventually lead to incorrect behavior, such as the inability to edit an agent's recipient list. You can periodically take the production system offline and validate the catalog, to be informed of and to take corrective action on inconsistencies.

1.17.8.13.7 Performing a Basic Validation of the Catalog Impacted Releases: 11.1.1.3

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-02)*.

Use the following procedure to perform a basic validation of the catalog.

To validate the catalog:

1. Stop Presentation Services.

For information, see Chapter 4 of the *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition, Release 11.1.1.3*.

2. Refresh the user GUIDs for the catalog. See Chapter 3 of the *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition, Release 11.1.1.3* for information

Caution: Ensure that you regenerate the user GUIDs *before* validating the catalog. Failure to do so can result in the removal of all accounts, permissions, and privileges from the catalog.

3. Back up the catalog by using the 7-Zip utility to create a compressed file for it.
4. Create a backup copy of the instanceconfig.xml file.
5. Edit the instanceconfig.xml file so that it contains the appropriate elements for performing the validation.

For information on these elements, see [Section 1.17.8.13.8, "Specifying the Elements for Validating the Catalog."](#)
6. Start Presentation Services to run the validation according to the values that you specified in the instanceconfig.xml file.
7. Stop Presentation Services.
8. Create a backup copy of the instanceconfig.xml file in which you added the validation elements, renaming the file similar to instanceconfig_validate.xml. In this way, you have a version of the file to use as a starting point for subsequent validations.
9. Restore the backup version of the instanceconfig.xml that you created earlier to use as the current version.
10. Start Presentation Services.

1.17.8.13.8 Specifying the Elements for Validating the Catalog Impacted Releases: 11.1.1.3

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-02)*.

As part of the process of validating the catalog, you include elements in the instanceconfig.xml file that run the validation when you restart Presentation Services. The following procedure describes how to edit the instanceconfig.xml file to include these elements.

To specify the element for validating the catalog:

1. Open the instanceconfig.xml file for editing.
2. Locate the Catalog section in which you must add the elements that are described in [Table 1-4](#).

3. Include the elements and their ancestor element as appropriate, as shown in the following example. In this example, the validation runs when Presentation Services starts. Inconsistent accounts (for example, deleted users), links, and objects are removed. Inconsistent users' home directory names are logged but directories are not removed.

```
<ServerInstance>
<ps:Catalog xmlns:ps="oracle.bi.presentation.services/config/v1.1">
  <ps:Validate>OnStartupAndExit</ps:Validate>
  <ps:ValidateAccounts>Clean</ps:ValidateAccounts>
  <ps:ValidateHomes>Report</ps:ValidateHomes>
  <ps:ValidateItems>Clean</ps:ValidateItems>
  <ps:ValidateLinks>Clean</ps:ValidateLinks>
</ps:Catalog>
</ServerInstance>
```

Caution: Include only one Catalog element in the instanceconfig.xml file or unexpected results might occur. Unless expressly noted, include most nodes in an XML document only once.

4. Save your changes and close the file.

Table 1–4 Elements for Validating the Catalog

| Element | Description | Default Value |
|------------------|--|---------------|
| Validate | <p>Performs the validation of the catalog according to the values of the other Validate-related elements in this section. Values are described in the following list:</p> <ul style="list-style-type: none"> ▪ None — Performs no validation. ▪ OnStartup — Performs the validation when Presentation Services starts. ▪ OnStartupAndExit — Performs the validation when Presentation Services both starts and stops. This value allows re-running of the validation, performing as many cycles of Report and Clean until the catalog is as clean as appropriate. <p>If this value is not None, then all privileges and each object's ACLs in the entire catalog are cleaned of dead accounts, regardless of the settings of the other Validate-related elements.</p> | None |
| ValidateAccounts | Verifies that all information about users, roles, and groups in the catalog is consistent. Values are described in the list after this table. | None |
| ValidateHomes | Verifies that all information about home directories in the catalog is consistent. Values are described in the list after this table. | None |
| ValidateItems | Verifies that all information about objects in the catalog is consistent. Values are described in the list after this table. | None |
| ValidateLinks | Verifies that all information about links in the catalog is consistent. Values are described in the list after this table. | None |

The elements have the values that are described in the following list:

- None — Specifies that no validation is performed.
- Report — Specifies that details about each inconsistent object are written to the sawlog.log file.
- Clean — Specifies that details about each inconsistent object are written to the sawlog.log file and that each object is removed from the catalog.

1.17.8.13.9 Updates for XML Files and Text Strings Impacted Releases: 11.1.1.3

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-02)*.

Section 18.8.2.1 "XML File Format for Searching for and Replacing Text Strings" in the *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition, Release 11.1.1.3* must be replaced with the following text.

In the search and replace XML file, you use an action element to identify each text string to search for and replace. The action elements are contained in a commands element.

The action element has the following attributes:

- command — Specifies the text to replace. The valid value is:
 - textReplace — Replaces all the text that matches in an XML file, such as a column name.
- oldValue — Specifies the text string to search for.

When you specify this attribute for the textReplace command for the search and replace XML file, you must use the full Java regex syntax, which is not like a normal string.

To replace a string, you must do the following:

1. Escape any special Java regex characters (such as brackets, parentheses, dollar signs, and carets).
2. Escape any special "normal" string characters (such as backslashes and quotes).
3. Because you are working in an XML file, escape any special HTML characters (such as quotes and ampersands).

The full Java regex syntax is described in the following document:

<http://java.sun.com/j2se/1.5.0/docs/api/java/util/regex/Pattern.html>.

Table 1–5 provides sample strings for use with the regex syntax in search criteria.

Table 1–5 Using regex Syntax in Search Criteria

| Search String Entered | Result |
|-----------------------|--|
| a | Adds wildcards before and after the search string (for example, *a*), enabling the search to return results that contain the letter "a". |
| ^a | Adds a wildcard after the search string (for example, a*), enabling the search to return results that begin with the letter "a". |
| a\$ | Adds a wildcard before the search string (for example, *a), enabling the search to return results that end with the character "a". |

Table 1–5 (Cont.) Using regex Syntax in Search Criteria

| Search String Entered | Result |
|-----------------------|--|
| a* | Searches explicitly for strings containing a character followed by an asterisk (*) for example, "a*". |
| ? | Use a question mark (?) with a character and an asterisk (*) to return zero (0) or more occurrences of a character. For example ?a* returns zero or more occurrences of the character "a". |

- `newValue` — Specifies the replacement text.
- `ignoreCase` — Ignores case when set to true, but becomes case-sensitive when set to false. The default value is false.

The following is a partial example of an XML file for searching for and replacing a text string:

```
<?xml version="1.0" encoding="utf-8"?>
<actions>
<action command="textReplace" oldValue="boots" newValue="HoleyShoes"
ignoreCase="true"/>
</actions>
```

1.17.8.14 Section on Manually Configuring for Interactions In Views Does Not Apply

Impacted Releases: 11.1.1.6.0; 11.1.1.6.2

Platforms: All

Section 18.3.4 "Manually Configuring for Interactions In Views" does not apply to Release 11.1.1.6.0 and Release 11.1.1.6.2, but does apply to Release 11.1.1.6.2, Bundle Patch 1 onwards.

1.17.8.15 Omission of Enabled Element in Custom Links Section

Impacted Releases: 11.1.1.6.0

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-04)*.

Section 18.5.2.2 "Adding the CustomLinks Element" describes how to edit the `instanceconfig.xml` file to display custom links on the Oracle BI Home page. The procedure incorrectly omits the `Enabled` element. You must include the `Enabled` element set to true within the `CustomLinks` element to display custom links.

1.17.8.16 Omission of Section on Updating Java Development Kit (JDK)

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6, 11.1.1.6.2

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-06)*.

After you install and configure Oracle Business Intelligence, you might need to update the JDK for the instance; for example, if an update is required per the policy of your organization. Before deciding to update the JDK, ensure that you use an appropriate version. For detailed information on versions, see the certification document available on Oracle Technology Network (OTN):

<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

To update the JDK for the instance of Oracle Business Intelligence:

1. Stop all services for Oracle Business Intelligence.
2. Download the appropriate JDK version from the Oracle Java web site and copy it to the ORACLE_HOME directory.
3. Rename the existing jdk directory to jdk.OLD.
4. Run the JDK Installer, which unzips the distribution into the `jdkversion-num` directory.
5. Rename the directory from `jdkversion-num` to `jdk`, to ensure that all existing configuration references remain valid.
6. Restart the services for Oracle Business Intelligence.

1.17.8.17 Remove Mention of pasteBinary Script

Impacted Releases: 11.1.1.6.0, 11.1.1.6.2

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* (E10541-05).

Chapter 24, "Moving Between Environments," includes mention of the `pasteBinary` script not being supported with Oracle Business Intelligence installations that were installed on 64-bit operating systems using the Enterprise Installation type. This lack of support has been lifted and the script can be used in this case. Therefore, this mention must be removed from the guide.

1.17.8.18 Parameter Descriptions Missing or Inaccurate in NQSCONFIG.INI File Configuration Settings Appendix

Impacted Releases: 11.1.1.7

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* (E10541-09).

Appendix A describes the parameters in the `NQSCONFIG.INI` file and requires the following corrections and additions:

CACHE_FILE_BUFFER_SIZE

This parameter must be added to the appendix with this description:

Specifies the amount of memory used to temporarily store the cache file when writing to the disk. The default value is 128 KB.

Example: `CACHE_FILE_BUFFER_SIZE = 128 KB;`

ESSBASE_STUDIO_URL

The description of this parameter must be changed to the following:

Specifies the URL of the Essbase Studio servlet that aggregate persistence in the Oracle BI Server uses to connect to Essbase Studio, which helps to create the Essbase cube. Before including the port number in the URL, verify whether the HTTP port number (`server.httpPort`) is explicitly defined in the `server.properties` file, which Essbase Studio

references. If the port number is explicitly defined in the file, then ensure that the port number that is specified in the URL for the Essbase Studio servlet matches the value of the HTTP port number in the server.properties file. Otherwise, specify the default value of 9080 in the URL of the Essbase Studio servlet. The server.properties file is located in the following directory:

```
$ORACLE_INSTANCE/EssbaseStudio/$COMPONENT_NAME/bin
```

The default value is "http://localhost:9080/dma/dmaservlet"

Example: ESSBASE_STUDIO_URL = "http://localhost:9080/dma/dmaservlet"

EVALUATE_SUPPORT_LEVEL

The description of this parameter must be amended with the following text:

Note the following:

- The EVALUATE_SUPPORT_LEVEL parameter controls the use of the EVALUATE family of database functions within analyses. Oracle recommends leaving EVALUATE_SUPPORT_LEVEL set to its default value of 0 to prevent the use of these functions within analyses. Setting EVALUATE_SUPPORT_LEVEL to a value of 1 or 2 enables users to insert arbitrary SQL expressions into an analysis using the Analysis editor, which potentially compromises data access security.
- The EVALUATE_SUPPORT_LEVEL parameter does not control use of the EVALUATE family of database functions within the metadata repository.

SSL_VERIFY_CLIENTS

This parameter must be added to the appendix with this description:

Note: The SSL_VERIFY_CLIENTS parameter is centrally managed by Fusion Middleware Control and cannot be changed by manually editing NQSCONFIG.INI, unless all configuration through Fusion Middleware Control has been disabled (not recommended).

Specifies whether to verify client certificates when acting as a server (that is, when the BI Server is receiving calls from clients such as Presentation Services). The default value is NO.

Example: SSL_VERIFY_CLIENTS=NO;

SSL_VERIFY_SERVERS

This parameter must be added to the appendix with this description:

Note: The SSL_VERIFY_SERVERS parameter is centrally managed by Fusion Middleware Control and cannot be changed by manually editing NQSCONFIG.INI, unless all configuration through Fusion Middleware Control has been disabled (not recommended).

Specifies whether to verify server certificates when acting as a client (that is, when the BI Server is calling the BI Security Service). The default value is YES.

Example: SSL_VERIFY_SERVERS=YES;

SSL_VERIFY_PEERS

The description of this parameter must be changed to the following:

This parameter has been deprecated. The SSL_VERIFY_CLIENTS and SSL_VERIFY_SERVERS parameters replace comparable functionality previously controlled by the

SSL_VERIFY_PEER parameter. See *Oracle Fusion Middleware Upgrade Guide for Oracle Business Intelligence* for more information.

1.17.8.19 Incorrect Commands to Start and Stop Administration Server on a Windows Environment

Impacted Releases: 11.1.1.7

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-09)*.

Section 4.7, "Starting and Stopping the Administration Server and All Oracle Business Intelligence Java Components on Windows and UNIX" contains the following incorrect commands to start and stop the Administration Server on Windows:

- The command `startWebLogic.cmd -start` to start the Administration Server is incorrect and should be replaced with the command `startWebLogic.cmd`.
- The command `stopWebLogic.cmd -stop` to stop the Administration Server is incorrect and should be replaced with the command `stopWebLogic.cmd`.

1.17.8.20 ENDECA_SERVLET_URL Parameter Description is Incorrect

Impacted Releases: 11.1.1.9

Platforms: All

Appendix A NQSCONFIG.INI File Configuration Settings contains incorrect information for the ENDECA_SERVLET_URL setting. The description provided is incorrect and should instead state that the parameter is reserved for a future release.

1.17.8.21 Row About Using IBM WebSphere Does Not Apply

Impacted Releases: 11.1.1.9

Platforms: All

The last row in the Table 1-3 "Topics Covered in Other Guides" that reads 'Using IBM WebSphere as the application server', does not apply because IBM WebSphere is no longer supported.

1.17.8.22 Error in Code Example for Adding a Default Header or Footer to New Analyses

Impacted Releases: 11.1.1.9

Platforms: All

This issue is fixed in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E57379-01)*.

Section 9.7.2.1 "Adding a Default Header or Footer to New Analyses" includes an XML code example to create a footer that contains the text "Acme Confidential" in bold, red letters. The `displayFormat` element was incorrectly shown, and the `formatSpec` element was not included when it should have been.

The corrected version **in bold**, is as follows:

```
<?xml version="1.0" encoding="utf-8"?>
<WebMessageTables xmlns:sawm="com.siebel.analytics.web.messageSystem">
  <WebMessageTable system="Answers" table="ViewDefaults">
    <WebMessage name="kuiCriteriaDefaultViewElements" translate="no"><HTML>
```

```

<view signature="compoundView" >
  <pageProps pageSize="a4">
    <pageFooter showOnDashboard="true" show="true">
      <zone position="top">
        <caption fmt="html">
          <text>[b]Acme Confidential[/b]
        </text>
        </caption>
        <displayFormat>
          <formatSpec hAlign="center" fontColor="#FF0000"/>
        </displayFormat>
      </zone>
    </pageFooter>
  </pageProps>
</view>
</HTML>
</WebMessage>
  </WebMessageTable>
</WebMessageTables>

```

1.17.8.23 Statement on Changes to Dynamic Repository Variables is Incorrect

Impacted Releases: 11.1.1.9

Platforms: All

This issue is found in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-09)*.

In the section 7.6.3.4 "Changes to Dynamic Repository Variables" the following two incorrect paragraphs are displayed:

"When the value of a dynamic repository variable changes, all cache entries that are associated with a business model that reference the value of that variable are purged automatically. The cache entries are purged when the repository variable refresh rate is reached, if its value has changed."

"Note that if a business model is not associated with a changed dynamic repository variable, then no cache purging action occurs. For example, suppose an initialization block has been defined with a repository variable and a refresh rate of 5 minutes. But, no logical column has been defined that references the variable. When the value of the dynamic repository variable changes, cache is not purged because no logical column exists within a business model that uses the variable."

Instead, the two incorrect paragraphs should be replaced with the following correct paragraph:

"If the value of a dynamic repository variable changes, then any BI Server cache entry which uses this variable in a column becomes stale, and a new cache entry is generated when data in that entry is needed again. The old cache entry is not removed immediately, but remains until it is cleaned through the usual caching mechanism."

1.17.8.24 DefaultRowsDisplayedInDownloadCSV Setting Does Not Apply to Pivot Tables

Impacted Releases: 11.1.1.9

Platforms: All

This issue is found in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition (E10541-09)*.

In the section 19.3.1.2 "Manually Configuring Settings for Data in Views", in the example following step 3, in table 19-2 "Common Elements for Manually Changing the Display of Data in Views" there is an error in the Applicable Views column for the row entry DefaultRowsDisplayedInDownloadCSV.

DefaultRowsDisplayedInDownloadCSV controls the number of rows in a CSV download from OBIPS, and can be added to table view configurations, but cannot be added for pivot tables. Doing so will cause Presentations Services to fail to start. You must disregard the reference to pivot tables in the Applicable Views column for this setting.

1.17.8.25 Usage Tracking CUM_DB_TIME_SEC Needs More Explanation

Impacted Releases: 11.1.1.9

Platforms: All

This issue is found in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* (E10541-09).

In the section 9.3 "Description of the Usage Tracking Data" in table 9-1 "Usage Tracking Data in S_NQ_ACCT" the description for CUM_DB_TIME_SEC works differently than currently described, and the description needs more explanation.

The old description for CUM_DB_TIME_SEC is as follows:

"The total amount of time in seconds that the BI Server waited for back-end physical databases on behalf of a logical query".

The new description for CUM_DB_TIME_SEC is as follows:

"The cumulative time of all queries sent to the database. Queries run in parallel, so the cumulative query time is equal to or greater than the total time connected to the database. For example, if a logical request spawns 4 physical SQL statements sent to the database and the query time for 3 of the queries is 10 seconds, and for one query is 15 seconds. Since the queries run in parallel, nqserver is only connected to the database for 15 seconds, but CUM_DB_TIME_SEC will show 45 seconds".

1.17.8.26 Steps for Manually Updating the Essbase Agent Port Number Are Incorrect

Impacted Releases: 11.1.1.9

Platforms: All

In the *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition* Section 27.5.6 "Changing Essbase Ports in Oracle Business Intelligence" and the procedure entitled "To manually update the Essbase Server port range or Essbase Agent port number outside of Fusion Middleware Control", it says that to change the Agent Port Number you edit the AGENTPORT setting in the file `essbase.cfg`. This is incorrect as you must instead edit the `biee-domain.xml` file. There should be two procedures, one for updating the Essbase Agent port number, and the other for updating the Essbase server port range.

For example:

To manually update the Essbase Agent port number:

1. Open `biee-domain.xml` for editing in:
`BI_DOMAIN/config/fmwconfig/biee-domain.xml`
2. Locate and update the "Essbase" port="" setting.

For example:

```
<BIComponent id="essbaseserver1" componentType="Essbase" port="9799"
clusterStyle="SELF_MANAGED" />
```

3. Save the biec-domain.xml file.
4. Restart the Essbase server.

To manually update the Essbase Server port range:

1. Open essbase.cfg for editing in:
BI_DOMAIN/config/fmwconfig/essbase/essbase.cfg
2. Add SERVERPORTBEGIN and SERVERPORTEND entries to suit your environment.

For example:

```
SERVERPORTBEGIN 9000
SERVERPORTEND 9499
```

3. Save the essbase.cfg file.
4. Restart the BI Managed server.

1.17.9 Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition

This section describes documentation errata in *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition*.

- [Section 1.17.9.1, "SASchInvoke Always Prompts for the Password in 11.1.1.5"](#)
- [Section 1.17.9.2, "Setup Multiple Authentication Providers"](#)
- [Section 1.17.9.3, "Error in Code Example for Refreshing User GUIDs"](#)
- [Section 1.17.9.4, "Adding UserName Attribute Properties user.login.attr and username.attr to Identity Store is Not Applicable"](#)
- [Section 1.17.9.5, "Removal of Invalid LDAP Configuration Properties when Setting Up SSL"](#)
- [Section 1.17.9.6, "Error in Code Example for Configuring a Database Adaptor"](#)
- [Section 1.17.9.7, "Error in Code Example for Configuring the WebLogic Server Environment"](#)
- [Section 1.17.9.8, "Default Permissions Should Include Requirements for BI Mobile App Designer"](#)
- [Section 1.17.9.9, "Error in SQL Example for Creating Session Variables for Proxy Functionality"](#)
- [Section 1.17.9.10, "Error in Prerequisites for Configuring a Database as the Authentication Provider"](#)

1.17.9.1 SASchInvoke Always Prompts for the Password in 11.1.1.5

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition* (E10543-05).

Section 5.5.1 "Using SASchInvoke When BI Scheduler is SSL-Enabled" in revision E10543-03 describes using the SASchInvoke command to invoke the BI Scheduler when SSL is enabled. A caution paragraph suggested that a password prompt is displayed when you run the command under SSL, but a password prompt is displayed regardless of SSL-enablement. The caution was confusing and has been removed for the E10543-04 revision.

1.17.9.2 Setup Multiple Authentication Providers

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition* (E10543-05).

Chapter 3 did not explain how to configure multiple authentication providers, so a new section 3.2.3.3 "Configuring BI with Multiple Authentication Providers" was created for revision E10543-03. Chapter 5 did not explain how to set up SSL when multiple authenticators are configured, so a new section 5.6.6, "Configuring SSL When Using Multiple Authenticators" was created for revision E10543-04.

1.17.9.3 Error in Code Example for Refreshing User GUIDs

Impacted Releases: 11.1.1.5, 11.1.1.6.0

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition* (E10543-06).

Section 3.8 "Refreshing User GUIDs" includes Step 3b on updating the Catalog element. The sample code for updating the element must be modified as follows:

```
<Catalog>
<UpgradeAndExit>false</UpgradeAndExit>
<UpdateAccountGUIDs>UpdateAndExit</UpdateAccountGUIDs>
</Catalog>
```

1.17.9.4 Adding UserName Attribute Properties user.login.attr and username.attr to Identity Store is Not Applicable

Impacted Releases: 11.1.1.6

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition* (E10543-07).

The issue concerns information about adding the properties user.login.attr and username.attr to the identity store, which is not applicable.

In section 3.5.1 "Configuring the User Name Attribute in the Identity Store," disregard the following content:

- the note that begins with the text:
"For the UserName Attribute only; ..."
- the task entitled:
"To configure the User Name attribute in the identity store:"

- the note that begins with the text:
"Ensure that the users and groups from your authentication provider..."

1.17.9.5 Removal of Invalid LDAP Configuration Properties when Setting Up SSL

Impacted Releases: 11.1.1.7

Platforms: All

These issues are fixed in *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition* (E10543-08).

The issues concern additional steps that you must complete when setting up SSL, if you modify the LDAP provider directory server configuration.

In Section 5.3.4 "Configuring Oracle WebLogic Server to Use Only the HTTPs Protocol by Disabling Non-SSL Listen Ports," Step 2, after you complete sub-step f (Click **Ok**), you must also complete the following steps:

1. Open the `jps-config-jse.xml` file for editing in:

```
m\home/user_projects/domains/bifoundation_
domain/config/fmwconfig/jps-config-jse.xml
```

2. Comment out the following entry, as shown:

```
<!-- <property
value="oracle.security.jps.wls.internal.idstore.WlsLdapIdStoreConfigPro
vider" name="idstore.config.provider"/> -->
```

Note: If the environment uses a security mechanism other than the WebLogic LDAP directory server (for example OAM or OID), you must also comment out the following entry in the `jps-config-jse.xml` file:

```
<!-- <serviceInstanceRef ref="idstore.ldap"/>-->
```

3. Save the `jps-config-jse.xml` file.
4. Restart JavaHost using the OPMN command line.
5. Complete the remaining steps as described in the documentation.

1.17.9.6 Error in Code Example for Configuring a Database Adaptor

Impacted Releases: 11.1.1.6

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition* (E10543-07).

Section 3.4.3.4.2 "Configuring a Database Adaptor" includes Step 2 about ensuring that the `adapter_template_usergroup1.xml` file contains the following sample code. The `guidAttribute` is incorrectly shown as containing two letter t's. You must change it to `guidAttribute`, with a single letter t, as follows:

```
<initParams>
  <param name="guidAttribute" value="orclguid"/>
</initParams>
```

1.17.9.7 Error in Code Example for Configuring the WebLogic Server Environment

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

These issues are fixed in *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition (E10543-10)*.

Section 5.3.3 "Manually Configuring the WebLogic Server Environment" includes Step 3 about adding the passwords identified in step 2 to the `JAVA_OPTIONS` properties, and provides example code for Linux. The paths to `DemoTrust.jks` and `DemoIdentity.jks` use escape characters (`\`) incorrectly. You must remove the incorrect escape characters around the paths as follows:

Code example showing incorrect escape characters:

```
JAVA_OPTIONS="{JAVA_OPTIONS} -Djavax.net.ssl.trustStore=\"MW_Home/wlserver_
10.3/server/lib/DemoTrust.jks\"
-Djavax.net.ssl.DemoTrustKeyStorePassphrase=\"password\"
-Djavax.net.ssl.keyStore=\"MW_Home/wlserver_10.3/server/lib/DemoIdentity.jks\"
-Djavax.net.ssl.keyStorePassword=\"DemoIdentityKeyStorePassPhrase\" \"
export JAVA_OPTIONS
```

Code example showing correct escape characters:

```
JAVA_OPTIONS="{JAVA_OPTIONS} -Djavax.net.ssl.trustStore=MW_Home/wlserver_
10.3/server/lib/DemoTrust.jks
-Djavax.net.ssl.DemoTrustKeyStorePassphrase=\"password\"
-Djavax.net.ssl.keyStore=MW_Home/wlserver_10.3/server/lib/DemoIdentity.jks
-Djavax.net.ssl.keyStorePassword=\"DemoIdentityKeyStorePassPhrase\" \"
export JAVA_OPTIONS
```

1.17.9.8 Default Permissions Should Include Requirements for BI Mobile App Designer

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition (E57380-01)*.

Appendix B, Table B-2 'Default Permissions' should have a row for the permission `Oracle.bi.publisher.developLightDataModel`, and should also include additional description details related to existing permissions for BI Mobile App Designer as follows:

Table 1–6 BI Publisher Permissions Required for Mobile App Designer

| Permission | Description |
|--|--|
| <code>Oracle.bi.publisher.developLightDataModel</code> | Grants permission to create BI Mobile App Designer applications that use Subject Area or Excel spreadsheet as the data source. |
| <code>oracle.bi.publisher.developReport</code> | Grants permission to create or edit reports, style templates, and sub templates. This permission also enables connection to the BI Publisher server from the Template Builder. This permission also grants the ability to create applications in BI Mobile App Designer. |

Table 1–6 (Cont.) BI Publisher Permissions Required for Mobile App Designer

| Permission | Description |
|-----------------------------------|--|
| oracle.bi.publisher.developReport | Grants permission to create or edit reports, style templates, and sub templates. This permission also enables connection to the BI Publisher server from the Template Builder. This permission also grants the ability to create applications in BI Mobile App Designer. |

1.17.9.9 Error in SQL Example for Creating Session Variables for Proxy Functionality

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition (E57380-03)*.

Section D.6.3.2 "Creating Session Variables for Proxy Functionality" shows an incorrect SQL example for PROXYLEVEL as follows:

SQL example showing incorrect 'where' clause for initialization block named ProxyLevel:

```
select proxyLevel
from Proxies
where 'VALUEOF(NQ_SESSION.RUNAS)'=targetId and ':USER'=proxyId
```

SQL example showing correct 'where' clause for initialization block named ProxyLevel:

```
select proxyLevel
from Proxies
where UPPER(targetid) = UPPER('VALUEOF(NQ_SESSION.RUNAS)')
and UPPER(proxyid) = UPPER('VALUEOF(NQ_SESSION.RUNASORIGUSER)')
```

1.17.9.10 Error in Prerequisites for Configuring a Database as the Authentication Provider

Impacted Releases: 11.1.1.5, 11.1.1.6, 11.1.1.9

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Security Guide for Oracle Business Intelligence Enterprise Edition (E57380-03)*.

Section 3.4.3.1 "Introduction and Prerequisites" shows an incorrect paragraph as follows:

Oracle Business Intelligence Enterprise Edition Release 11.1.1.5.0 (or higher) must be installed and running, and Oracle Fusion Middleware patch 13826887 must be applied (for more information, see "Patching Oracle Business Intelligence Systems" in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition*).

The correct version should read:

Oracle Business Intelligence Enterprise Edition Releases 11.1.1.5, 11.1.1.6, and 11.1.1.7 (or higher) must be installed and running. However, for Releases 11.1.1.5 and 11.1.1.6, you must also apply Oracle Fusion Middleware patch 13826887. For more information,

see "Patching Oracle Business Intelligence Systems" in *Oracle Fusion Middleware System Administrator's Guide for Oracle Business Intelligence Enterprise Edition*.

1.17.10 Oracle Fusion Middleware Enterprise Deployment Guide for Oracle Business Intelligence

Documentation errata for *Oracle Fusion Middleware Enterprise Deployment Guide for Oracle Business Intelligence* are described in *Release Notes for Oracle Fusion Middleware Infrastructure*.

1.17.11 Oracle Fusion Middleware Developer's Guide for Oracle Business Intelligence Enterprise Edition

This section describes documentation errata in *Oracle Fusion Middleware Enterprise Developer's Guide for Oracle Business Intelligence Enterprise Edition*.

- [Section 1.17.11.1, "Error in the "Passing Business Intelligence Content with the Oracle BI EE Contextual Event Action" Topic in Chapter 1, "Embedding Business Intelligence Objects in ADF Applications"](#)

1.17.11.1 Error in the "Passing Business Intelligence Content with the Oracle BI EE Contextual Event Action" Topic in Chapter 1, "Embedding Business Intelligence Objects in ADF Applications"

Impacted Releases: 11.1.1.5

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Developer's Guide for Oracle Business Intelligence Enterprise Edition* (E10545-03).

The following sentence in the "Passing Business Intelligence Content with the Oracle BI EE Contextual Event Action" topic is incorrect: "At design time, the analysis designer determines which column should contain the Oracle BI EE contextual event action, adds an Invoke a Browser Script action type to the column, and browses for and selects USERSCRIPT.ADFAction."

Instead, this sentence should read: "At design time, the analysis designer determines which column should contain the Oracle BI EE contextual event action and from the New Action Link menu, selects **ADF Contextual Event**."

The "Passing Business Intelligence Content with the Oracle BI EE Contextual Event Action" topic should also state that the Administrator must modify Oracle BI EE's instanceconfig.xml file so that the **ADF Contextual Event** option displays in the New Action Link menu within Presentation Services. To enable the action type to display in the New Action Link menu, the Administrator must add the ActionLinks setting to the <ServerInstance> tag as follows:

```
<ActionLinks>
  <Enable EnableADFContextualEvent>true</EnableADFContextualEvent>
</ActionLinks>
```

1.17.12 Oracle Fusion Middleware Integrator's Guide for Oracle Business Intelligence Enterprise Edition

This section describes documentation errata in *Oracle Fusion Middleware Integrator's Guide for Oracle Business Intelligence Enterprise Edition*.

- [Section 1.17.12.1, "Addendum to the "Overview of Integrating with Oracle Business Intelligence" Topic in Chapter 10, "Integrating Other Clients with Oracle Business Intelligence""](#)
- [Section 1.17.12.2, "Addendum to the "ScorecardMetadataService Service" Topic in Chapter 3, "Description of Services and Methods in Oracle BI EE Web Services""](#)
- [Section 1.17.12.3, "Documentation is Incorrect in "What are the Oracle Business Intelligence Session-Based Web Services" Topic in Chapter 1, "Introduction to Oracle Business Intelligence Web Services""](#)

1.17.12.1 Addendum to the "Overview of Integrating with Oracle Business Intelligence" Topic in Chapter 10, "Integrating Other Clients with Oracle Business Intelligence"

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6.0

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Integrator's Guide for Oracle Business Intelligence Enterprise Edition (E16364-04)*.

After the first paragraph in the "Overview of Integrating with Oracle Business Intelligence" topic, the following note should be included:

"Oracle generally does not confirm or test third-party client tool compatibility with the Oracle BI Server ODBC interface. Check the Oracle BI EE certification document for any specific certification information on third-party tools and the Oracle BI Server ODBC interface. For more information about the certification document, see "System Requirements and Certification"."

1.17.12.2 Addendum to the "ScorecardMetadataService Service" Topic in Chapter 3, "Description of Services and Methods in Oracle BI EE Web Services"

Impacted Releases: 11.1.1.9.0

Platforms: All

This issue is fixed in *Oracle Fusion Middleware Integrator's Guide for Oracle Business Intelligence Enterprise Edition (E57384-01)*.

A new method called `openTreeNode()` has been added to the `ScorecardMetadataService` SOAP API. The following details should be included:

openTreeNode() Method

Use this method to read the information for a particular strategy or initiative node within a specific scorecard.

Signature() Method

```
openTreeNode(String scorecardID, String nodeID, String type, String sessionID);
```

| Arguments | Description |
|--------------------|---|
| String ScorecardID | Specifies the ID of the scorecard which contains the node. |
| String nodeID | Specifies the ID of the Strategy or Initiative node. |
| String type | Specifies the type of the node (OBJECTIVE_NODE or INITIATIVE_NODE). |
| String SessionID | (Optional) Specifies the HTTP session ID. |

1.17.12.3 Documentation is Incorrect in "What are the Oracle Business Intelligence Session-Based Web Services" Topic in Chapter 1, "Introduction to Oracle Business Intelligence Web Services"

Impacted Releases: 11.1.1.9.0

Platforms: All

In the *Oracle Fusion Middleware Integrator's Guide for Oracle Business Intelligence Enterprise Edition* in section 1.2 'What are the Oracle Business Intelligence Session-Based Web Services?', the last paragraph suggests that depending on your client version, you access the WSDL document using one of the following Oracle BI EE web services URLs:

`http://host:port/analytics-ws/saw.dll/wsdl/v6`

`http://host:port/analytics-ws/saw.dll/wsdl/v7`

This paragraph should not mention v6 or v7, but should say that for Oracle BI EE 11g, if you want to develop new code or recompile existing code, you should use version 10 (or higher) of Oracle BI EE web services URL. For example:

`http://host:port/analytics-ws/saw.dll/wsdl/v10`

1.17.13 Oracle Fusion Middleware XML Schema Reference for Oracle Business Intelligence Enterprise Edition

This section describes documentation errata in *Oracle Fusion Middleware XML Schema Reference for Oracle Business Intelligence Enterprise Edition*.

There are no known issues at this time.

1.17.14 Oracle Fusion Middleware Scheduling Jobs Guide for Oracle Business Intelligence

This section describes documentation errata in *Oracle Fusion Middleware Scheduling Jobs Guide for Oracle Business Intelligence*.

1.17.14.1 Service Management Menu Options in Job Manager are Disabled in Clustered Environments

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

In the section "Service Management Menu in Job Manager" in "Toolbar Menus in Job Manager", the following Note should be included:

"When you invoke the Job Manager and choose the option "Connect Through Cluster Controllers", the options under the Service Management menu are not enabled. The options in the Service Management menu are enabled only for direct connections."

1.17.15 Oracle Fusion Middleware Developer's Guide for Oracle Business Intelligence Publisher

This section describes documentation errata in *Oracle Fusion Middleware Developer's Guide for Oracle Business Intelligence Publisher*.

- [Section 1.17.15.1, "The Definition of getScheduledJobInfo Method is Inconsistent"](#)
- [Section 1.17.15.2, "Adding Web Center Content as a Delivery Channel"](#)

1.17.15.1 The Definition of getScheduledJobInfo Method is Inconsistent

Impacted Releases: 11.1.1.7, 11.1.1.9

Platforms: All

This issue is found in *Oracle Fusion Middleware Developer's Guide for Oracle Business Intelligence Publisher*.

In the ScheduleService chapter in section "getScheduledJobInfo() Method" the signature incorrectly references the JobInfo object as follows:

```
JobInfo getScheduledJobInfo(int jobInstanceID, String userID, String password);
```

The signature should instead reference the JobDetail object as follows:

```
JobDetail getScheduledJobInfo(int jobInstanceID, String userID, String password);
```

1.17.15.2 Adding Web Center Content as a Delivery Channel

Impacted Releases: 11.1.1.9

Platforms: All

This issue is found in *Oracle Fusion Middleware Developer's Guide for Oracle Business Intelligence Publisher*.

In the "Data Types in Oracle BI Publisher Web Services" chapter, the following three updates are required:

- "Add a New Data Type For Delivering Web Center Content"
- "Add a New Section Called ArrayOfWCCDeliveryOption"
- "Add Row For Delivering Web Center Content"

Add a New Data Type For Delivering Web Center Content

After section 2.3.26 "FTPDeliveryOption", add a new section called 2.3.27 "WCCDeliveryOption".

Use the following two paragraphs as the description, then add [Table 1–7](#) as follows:

"Use this data type to define the options to set for WCC delivery of a report. The WCC server must be set up in the BI Publisher Administration pages first. To set up an WCC server see "Setting Up Delivery Destinations" in the *Oracle Fusion Middleware Developer's Guide for Oracle Business Intelligence Publisher*."

"This type is used in the ArrayOfWCCDeliveryOption complex data type."

Table 1–7 Fields Provided by WCCDeliveryOption

| Field | Description |
|----------------------------|---|
| String WCCAccount | Optional. Select an account from the WebContent Server. |
| String WCCAuthor | Optional. Enter the name of the author. If you do not specify an author, then the value defaults to the login name of the user. |
| String WCCComments | Optional. Enter comments to include with the document on the WebContent Server. |
| String WCCFileName | Required. Enter the name to assign to the file on the server. For example: report.pdf. |
| Boolean WCCIncludeMetadata | Required. Specify True to allow custom metadata to be sent with the document. Custom metadata is defined in the data model. |

Table 1–7 (Cont.) Fields Provided by WCCDeliveryOption

| Field | Description |
|-------------------------|---|
| String WCCSecurityGroup | Required. Select the security group on the WebContent Server to assign to the report. |
| String WCCServerName | Required. Enter the name of the WebContent Server as defined in the BI Publisher Administration page. |
| String WCCTitle | Optional. Enter a title for the report. If you do not enter a title, then the Layout name is used as the title. |

Add a New Section Called ArrayOfWCCDeliveryOption

After section 2.3.4 "ArrayOfFTPDeliveryOption", add a new section called 2.3.5 "ArrayOfWCCDeliveryOption".

Use the following description, and then add [Table 1–8](#):

"Use this data type to hold an array of WCCDeliveryOption objects."

Table 1–8 Fields Provided by ArrayOfWCCDeliveryOption

| Field | Description |
|---------------------------|--|
| WCCDeliveryOption [] item | See Section 2.3.27 "WCCDeliveryOption" |

Add Row For Delivering Web Center Content

In section "DeliveryChannels", add a row to Table 2-22 "Fields Provided by DeliveryChannels", after the row "ArrayOfFTPDeliveryOption ftpOptions" using the details shown in [Table 1–9](#). The description should cross reference to the new section 2.3.5 "ArrayOfWCCDeliveryOption":

Table 1–9 Add New Row After ArrayOfFTPDeliveryOption

| Field | Description |
|-------------------------------------|--|
| ArrayOfWCCDeliveryOption wccOptions | See Section 2.3.5 "ArrayOfWCCDeliveryOption" |

1.17.16 Oracle Business Intelligence Help System Errata

This section describes errata in the Oracle Business Intelligence help systems.

- [Section 1.17.16.1, "Incorrect Statement on Source Control Management and Multiuser Development in Administration Tool Online Help"](#)
- [Section 1.17.16.2, "Addendum to the Oracle BI Server DSN Configuration Wizard Help"](#)

1.17.16.1 Incorrect Statement on Source Control Management and Multiuser Development in Administration Tool Online Help

Impacted Releases: 11.1.1.6.0

Platforms: All

In the Administration Tool online help, in the topic "About Using a Source Control Management System with the Administration Tool," the following statement appears:

"As an alternative to using the Multiuser Development (MUD) environment described in Chapter 3, you can instead choose to integrate the Administration Tool with a third-party source control management system, such as Subversion or Rational ClearCase."

This statement is incorrect. Integration with a source control management system can be used with MUD and complements the MUD process, but source control management integration cannot replace the advanced features of using a MUD environment.

This statement has been corrected in *Oracle Fusion Middleware Metadata Repository Builder's Guide for Oracle Business Intelligence Enterprise Edition*. See this book for the latest text.

1.17.16.2 Addendum to the Oracle BI Server DSN Configuration Wizard Help

Impacted Releases: 11.1.1.3, 11.1.1.5, 11.1.1.6

Platforms: All

In the Oracle BI Server DSN configuration Wizard online help, in the "ODBC Concepts" topic, the following statement should be included:

"Note that Oracle generally does not confirm or test third-party client tool compatibility with the Oracle BI Server ODBC interface. Check the Oracle BI EE certification document for any specific certification information on third-party tools and the Oracle BI Server ODBC interface."

Oracle Business Intelligence Applications and Data Warehouse Administration Console

This chapter explains how to find the patch requirements and Release Notes for Oracle Business Intelligence Applications and Oracle Business Intelligence Data Warehouse Administration Console (DAC).

Where to go to find these patch requirements and Release Notes depends on the release you are interested in:

- For Releases 11.1.1.5.x, 11.1.1.6.x, and 11.1.1.7.0, see the Oracle Business Intelligence Applications Release Notes in the Oracle Business Intelligence Applications 11g Release 1 (11.1.1.8.0) Documentation Library
- For Release 11.1.1.7.1, see the Oracle Business Intelligence Applications Release Notes in the Oracle Business Intelligence Applications 11g Release 1 (11.1.1.7.1) Documentation Library

You can locate the appropriate Oracle BI Applications documentation library from the Oracle Business Intelligence Applications Documentation page at this URL:

<http://www.oracle.com/technetwork/middleware/bi-foundation/documentation/bi-apps-098545.html>.

Oracle Real-Time Decisions

This chapter describes issues associated with Oracle Real-Time Decisions (Oracle RTD), including issues related to Decision Studio, integration, and security.

This chapter includes the following topics:

- [Section 3.1, "Oracle RTD General Issues and Workarounds"](#)
- [Section 3.2, "Oracle RTD Installation Issues and Workarounds"](#)
- [Section 3.3, "Oracle RTD Upgrade Issues and Workarounds"](#)
- [Section 3.4, "Oracle RTD Configuration Issues and Workarounds"](#)
- [Section 3.5, "Oracle RTD Security Issues and Workarounds"](#)
- [Section 3.6, "Oracle RTD Administration Issues and Workarounds"](#)
- [Section 3.7, "Oracle RTD Integration Issues and Workarounds"](#)
- [Section 3.8, "Oracle RTD Decision Studio Issues and Workarounds"](#)
- [Section 3.9, "Oracle RTD Decision Center Issues and Workarounds"](#)
- [Section 3.10, "Oracle RTD Performance Monitoring Issues and Workarounds"](#)
- [Section 3.11, "Oracle RTD Externalized Objects Management Issues and Workarounds"](#)
- [Section 3.12, "Oracle RTD Localization Issues and Workarounds"](#)
- [Section 3.13, "Oracle RTD Documentation Errata"](#)
- [Section 3.14, "Oracle RTD Third-Party Software Information"](#)

Depending on your Oracle Fusion Middleware implementation, some information in other chapters of *Oracle Fusion Middleware Infrastructure Release Notes* might also be relevant, including:

- [Chapter 2, "Installation, Patching, and Configuration"](#)
- [Chapter 3, "Upgrade"](#)
- [Chapter 4, "Oracle Fusion Middleware Administration"](#)
- [Chapter 5, "Oracle Enterprise Manager Fusion Middleware Control"](#)
- [Chapter 6, "Oracle Fusion Middleware High Availability and Enterprise Deployment"](#)

3.1 Oracle RTD General Issues and Workarounds

This section describes general issues and workarounds related to Oracle RTD.

- [Section 3.1.1, "Transient Likelihood Problems"](#)
- [Section 3.1.2, "Use Development Deployment State Only"](#)
- [Section 3.1.3, "Error Deploying Inline Services from Command Line if Inline Service Uses Certain Functions"](#)
- [Section 3.1.4, "Ensuring Unique Batch Names Across a Cluster"](#)
- [Section 3.1.5, "Safari and Chrome Accessibility Items"](#)
- [Section 3.1.6, "Learning Service May Skip Processing of Some Learning Records if SDDB is on Oracle RAC Database"](#)
- [Section 3.1.7, "External Rule Editor Does Not Work in Mozilla Firefox Version 16"](#)

3.1.1 Transient Likelihood Problems

There are cases where non-mature predictive models will return an actual likelihood rather than NaN during the early life of a model. There are also some cases where mature predictive models will return NaN as opposed to actual likelihoods when the Randomize Likelihood option is enabled for a model. These situations are transient in nature and, in the latter case, do not outweigh the benefits of the Randomize Likelihood feature.

3.1.2 Use Development Deployment State Only

Deployment states will be deprecated in a future release. Until then, do not use any deployment state other than Development.

3.1.3 Error Deploying Inline Services from Command Line if Inline Service Uses Certain Functions

An Inline Service that uses one or more of the built-in functions **Days Since Last Event**, **Days Since Last Event on Channel**, **Number of Recent Events**, or **Number of Recent Events on Channel** cannot be deployed using the command-line deployer.

The workaround is as follows:

1. Navigate to the unzipped RTDdeploytool folder, for example, `C:\<myDir>\OracleBI\RTDdeploytool`.
2. Copy the **includes** folder from `RTD_HOME\ eclipse\plugins\com.sigmadynamics.studio_11.1.1.5.0` (for example, `C:\OracleBI\RTD\ eclipse\plugins\com.sigmadynamics.studio_11.1.1.5.0\includes`) into the unzipped RTDdeploytool folder.

3.1.4 Ensuring Unique Batch Names Across a Cluster

It is a standard requirement for Inline Service names and batch names to be unique within a cluster.

After an Inline Service is copied within a cluster, batch names registered in the Inline Service can be changed manually to achieve uniqueness. This manual step is not required if the batch registration code in the Inline Service automatically generates the batch name from the new Inline Service name, as in the following generic examples:

```
batchAgent.registerBatch(  
    batchAgent.getInlineService().getName() + ".FeedBackBatchJob",  
    "com.<mycompany>.rtd.batch.FeedBackBatchJob",  
    FeedBackBatchJob.description,
```

```

        FeedBackBatchJob.paramDescriptions,
        FeedBackBatchJob.paramDefaults);
or
batchAgent.registerBatch(
    Application.getApp().getName() + ".FeedBackBatchJob",
    "com.<mycompany>.rtd.batch.FeedBackBatchJob",
    FeedBackBatchJob.description,
    FeedBackBatchJob.paramDescriptions,
    FeedBackBatchJob.paramDefaults);

```

Note that all programs that may call the batch need to be made aware of the new batch name.

3.1.5 Safari and Chrome Accessibility Items

1. Special Safari Setting Must be Selected for Proper Keyboard Operation

After Safari has been installed, ensure that the following property is selected:

- Preferences > Advanced > Press Tab to highlight each item on a web page

If this property is not selected, some Rule Editor tabbing operations in a rule editor built with Oracle Application Development Framework and the External Rules Deployment Helper rule editor will not function correctly.

2. Unexpected Results for Alt + Down Arrow in Combo Boxes in Chrome and Safari browsers

The expected actions for Alt + Down Arrow in combo boxes (as found in Internet Explorer 9 and Firefox 10.0.5) are:

1. The combo box shows an expanded list of values.
2. The combo box allows Up and Down Arrow movement through the options, and the selection of a value from the list.
3. The screen does not update until the Enter key is depressed.

The following results were found for Chrome for Alt + Down Arrow in a combo box:

1. The combo box is not extended.
2. Using Up and Down Arrows changes the combo box value in place.
3. The screen updates with a combo box value change as the arrow keys are used.

The following results were found for Safari 5.1.7 for Alt + Down Arrow in a combo box:

1. The combo box is not extended.
2. Using Up and Down Arrows changes the combo box value in place.
3. The screen does not update until the value is selected and the Enter key is depressed.

3. JAWS May Not Work in Safari on Windows

For more information, refer to Freedom Scientific and Safari documentation.

4. JAWS Refresh Keys in Safari and Chrome

JAWS users should use <JAWS KEY> + escape and <JAWS KEY> + 3 to clear and input page object actions, especially with the Chrome and Safari browsers.

5. Chrome and Safari do not natively support Windows high contrast

Chrome needs an extension to support high contrast.

Safari needs a style sheet to support high contrast.

3.1.6 Learning Service May Skip Processing of Some Learning Records if SDDB is on Oracle RAC Database

The Oracle RTD database sequence SDLEARNING_SEQ definition does not impose strict order. In a RAC environment, this could mean gaps in the values for the sequence, which leads to possible Learning Service failures in properly processing the learning records.

The workaround for this case is to impose the Order option on the sequence SDLEARNING_SEQ. Specifically, a database user with the ALTER ANY SEQUENCE system privilege should issue the following command against the SDDB schema:

- ALTER SEQUENCE SDLEARNING_SEQ ORDER;

3.1.7 External Rule Editor Does Not Work in Mozilla Firefox Version 16

With Mozilla Firefox version 16 and later, the External Rule Editor does not work as documented. For example, selecting a left operand when creating a new rule causes a JavaScript error. The workaround for this issue is to use another supported browser.

3.2 Oracle RTD Installation Issues and Workarounds

This section describes issues and workarounds related to Oracle RTD installation.

3.2.1 InitAppDB.cmd Script Fails to Create Tables for Example Inline Services on Oracle 12c Databases

If you run the supplied InitAppDB.cmd scripts against an Oracle 12c database, they will fail to create the necessary database tables for the CrossSell and DC_demo example inline services.

The problem occurs because the InitAppDB.cmd scripts contain a connectionString entry that includes the CONNECT_DATA parameter in the form CONNECT_DATA=(SID=<database name>. However, Oracle 12c databases expect the CONNECT_DATA parameter to be in the form CONNECT_DATA=(SERVICE_NAME=<database name>).

To create the tables for the CrossSell and DC_demo example inline services on an Oracle 12c database:

1. Using a text editor, open the InitAppDB.cmd file located with the required example service on the Windows computer where you installed the Oracle RTD client-side tools, as follows:
 - for the CrossSell example inline service, the InitAppDB.cmd file is located in RTD_HOME\examples\CrossSell\etc\data\Oracle\initappdb.cmd
 - for the DC_demo example inline service, the InitAppDB.cmd file is located in RTD_HOME\examples\DC_Demo\etc\data\Oracle\initappdb.cmd.
2. Find the entry in the file that reads:


```
connectString=%aUser%%pw%@(DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)
)(HOST=%host%)(PORT=%port%))(CONNECT_DATA=(SID=%db%))
```

3. Change the entry to read:

```
connectString=%aUser%%pw%@(DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)
)(HOST=%host%)(PORT=%port%))(CONNECT_DATA=(SERVICE_
NAME=%db%))
```

3.3 Oracle RTD Upgrade Issues and Workarounds

There are no known issues at this time.

3.4 Oracle RTD Configuration Issues and Workarounds

There are no known issues at this time.

3.5 Oracle RTD Security Issues and Workarounds

This section describes general issues and workarounds related to Oracle RTD and security.

- [Section 3.5.1, "Decision Center Logout Not Redirected Correctly for Oracle Access Manager \(OAM\) 11g Form-Based Authentication"](#)

3.5.1 Decision Center Logout Not Redirected Correctly for Oracle Access Manager (OAM) 11g Form-Based Authentication

When Webgate 10g against Oracle Access Manager (OAM) 11g is configured as the SSO provider for Oracle RTD Decision Center access, logging out of, then back into Decision Center should ask users for their user name and password credentials on the re-login. To ensure that this occurs correctly, you must configure the following Oracle RTD Decision Center resources in OAM/Webgate as public (unprotected or anonymous access): 1. Decision Center logout URI /ui/do/logout 2. Decision Center images /ui/images/*

For information on how to perform the configuration, see the topic "Managing Policies to Protect Resources and Enable SSO" in *Oracle Fusion Middleware Administrator's Guide for Oracle Access Manager* at the location:

http://download.oracle.com/docs/cd/E14571_01/doc.1111/e15478/app_domn.htm#CHEIDJAF

3.6 Oracle RTD Administration Issues and Workarounds

There are no known issues at this time.

3.7 Oracle RTD Integration Issues and Workarounds

This section describes issues and workarounds related to Oracle RTD integration.

- [Section 3.7.1, "Java Smart Client Run Configuration Changes Required for Different Properties Files"](#)

3.7.1 Java Smart Client Run Configuration Changes Required for Different Properties Files

When setting up the Java Smart Client example, depending on the properties file you are using, you must make some changes to the run configuration in Decision Studio before you run the example.

Note: `<RTD_HOME>` refers to the directory where you installed the client-side files, for example, `C:\RTD_Tools`.

The changes you must make in the Arguments tab require you to enter an explicit, full path name. Make sure that you replace `<RTD_HOME>` with the exact name of your client-side files installation directory.

If you are using `sdclient.properties` for your properties file, perform the following change:

- In the Arguments tab, add the following in the Program arguments box, replacing `<RTD_HOME>` with the exact name of your client-side files installation directory:
 - `-u "<RTD_HOME>\client\Client Examples\Java Client Example\lib\sdclient.properties"`

If you are using `sdjrfclient.properties` for your properties file, perform the following changes:

- In the Arguments tab, add the following in the Program arguments box, replacing `<RTD_HOME>` with the exact name of your client-side files installation directory:
 - `-u "<RTD_HOME>\client\Client Examples\Java Client Example\lib\sdjrfclient.properties"`

If you are using `clientHttpEndpoints.properties` for your properties file, perform the following changes:

- In the Arguments tab, add the following in the Program arguments box, replacing `<RTD_HOME>` with the exact name of your client-side files installation directory:
 - `-u "<RTD_HOME>\client\Client Examples\Java Client Example\lib\clientHttpEndpoints.properties"`
- In the Classpath tab:
 - Remove the existing project
 - Add the following jar files: **commons-code.jar**, **commons-httpclient.jar**, **commons-logging.jar**, **j2ee-client.jar**, and **rtd-ds-client.jar** (if not already present).
 - Add the project with defaults

3.8 Oracle RTD Decision Studio Issues and Workarounds

This section describes issues and workarounds related to Oracle RTD Decision Studio.

- [Section 3.8.1, "Mapping Array Attributes in a Multi-Level Entity Hierarchy"](#)
- [Section 3.8.2, "Issues When Trying to Enable Caching for Some Entities"](#)
- [Section 3.8.3, "Terminate Active Sessions in Cluster Works Only on Decision Server Receiving Deployment Request"](#)

3.8.1 Mapping Array Attributes in a Multi-Level Entity Hierarchy

A "parent-child" entity hierarchy is typically defined with the child entity as an attribute of the parent entity. When the child entity is an Array attribute, be careful to map the child Array attribute to its data source in the direct parent entity only. Assume, for example, a Customer with many Accounts, each of which has many Contracts. In Decision Studio, the Customer entity's Mapping tab may display the complete hierarchy as follows: - The Customer entity contains the Account entity as an Array attribute - The Account attribute contains the Contract entity as an Array attribute The Account entity's Mapping tab contains the Contract entity as an Array attribute. With this example, only map the Contract attribute in the Account entity's Mapping tab. Do not map the Contract attribute in the Customer entity's Mapping tab.

3.8.2 Issues When Trying to Enable Caching for Some Entities

There are known issues, which may result in compilation and runtime errors, with enabling entity caching where a number of design factors coincide:

- You have a multi-level entity hierarchy, and a child entity is an array attribute of a parent entity
- The data source for the child entity has no Input column defined
- You want to enable caching on the child entity

If possible, simplify the structure of the child entity, specifically the attributes that are mapped to the sources. If this is not possible, contact Oracle Support with details of your particular design configuration.

3.8.3 Terminate Active Sessions in Cluster Works Only on Decision Server Receiving Deployment Request

Deploying an Inline Service to a cluster with the "Terminate active sessions" option selected will terminate sessions on only the Decision Server that receives the Inline Service deployment request.

3.9 Oracle RTD Decision Center Issues and Workarounds

There are no known issues at this time.

3.10 Oracle RTD Performance Monitoring Issues and Workarounds

There are no known issues at this time.

3.11 Oracle RTD Externalized Objects Management Issues and Workarounds

There are no known issues at this time.

3.12 Oracle RTD Localization Issues and Workarounds

There are no known issues at this time.

3.13 Oracle RTD Documentation Errata

This section describes errata in Oracle RTD documentation and help systems.

- [Section 3.13.1, "Oracle Fusion Middleware Administrator's Guide for Oracle Real-Time Decisions"](#)
- [Section 3.13.2, "Oracle Fusion Middleware Platform Developer's Guide for Oracle Real-Time Decisions"](#)

3.13.1 Oracle Fusion Middleware Administrator's Guide for Oracle Real-Time Decisions

There are no known documentation errata at this time in the *Oracle Fusion Middleware Administrator's Guide for Oracle Real-Time Decisions*.

3.13.2 Oracle Fusion Middleware Platform Developer's Guide for Oracle Real-Time Decisions

This section describes documentation errata in the *Oracle Fusion Middleware Platform Developer's Guide for Oracle Real-Time Decisions*.

- [Section 3.13.2.1, "External Rules Development Helper Mismatch between Code and Manual Description"](#)
- [Section 3.13.2.2, "Save Choice IDs in Inline Services Rather Than Choices"](#)

3.13.2.1 External Rules Development Helper Mismatch between Code and Manual Description

The External Rules Development Helper, currently released with the DC_Demo Inline Service, does not function as described in Section 17.2.8, "Setting Up the External Interface and Embedded Rule Editor" and Section 17.3, "Example of End to End Development Using Dynamic Choices and External Rules."

3.13.2.2 Save Choice IDs in Inline Services Rather Than Choices

The Getting Started tutorial chapters within *Oracle Fusion Middleware Platform Developer's Guide for Oracle Real-Time Decisions* store choices in session-tied entities. It is recommended that configurations only save IDs of choices instead of the full choice objects.

3.14 Oracle RTD Third-Party Software Information

This section provides third-party software information.

- [Section 3.14.1, "Displaytag Download Location"](#)

3.14.1 Displaytag Download Location

The third-party package Displaytag can be downloaded from <http://displaytag.sourceforge.net>.